

Simplicity[®]

PARTS MANUAL

FC HYDRO SERIES

12 HP Hydro

Mfg. No. 1691655

12.5 HP Hydro

Mfg. No. 1692014

16 HP Hydro

Mfg. No. 1691656

Mfg. No. 1692375

Mfg. No. 1692376

42" Mower Deck

Mfg. No. 1691662

48" Mower Deck

Mfg. No. 1691663



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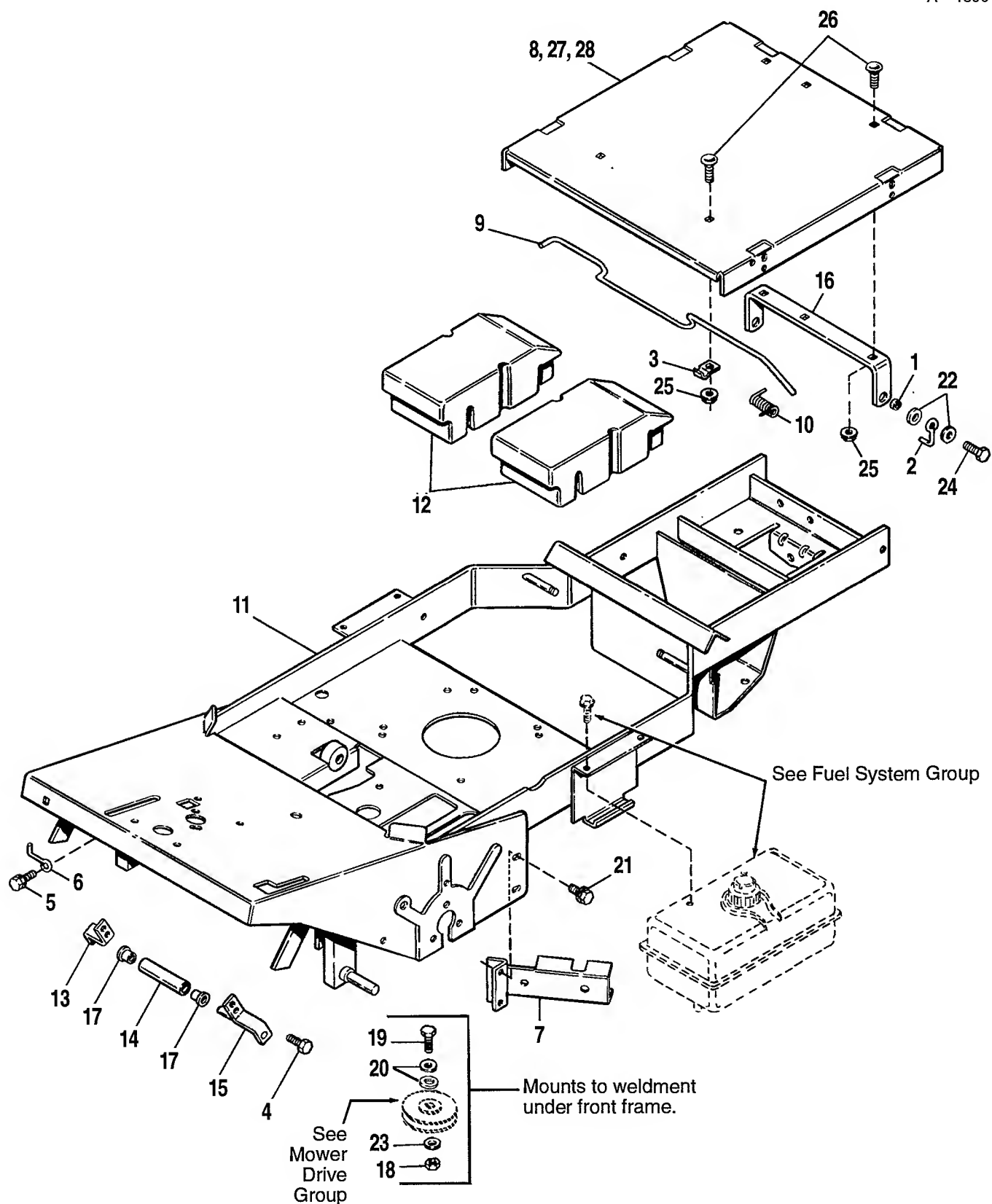
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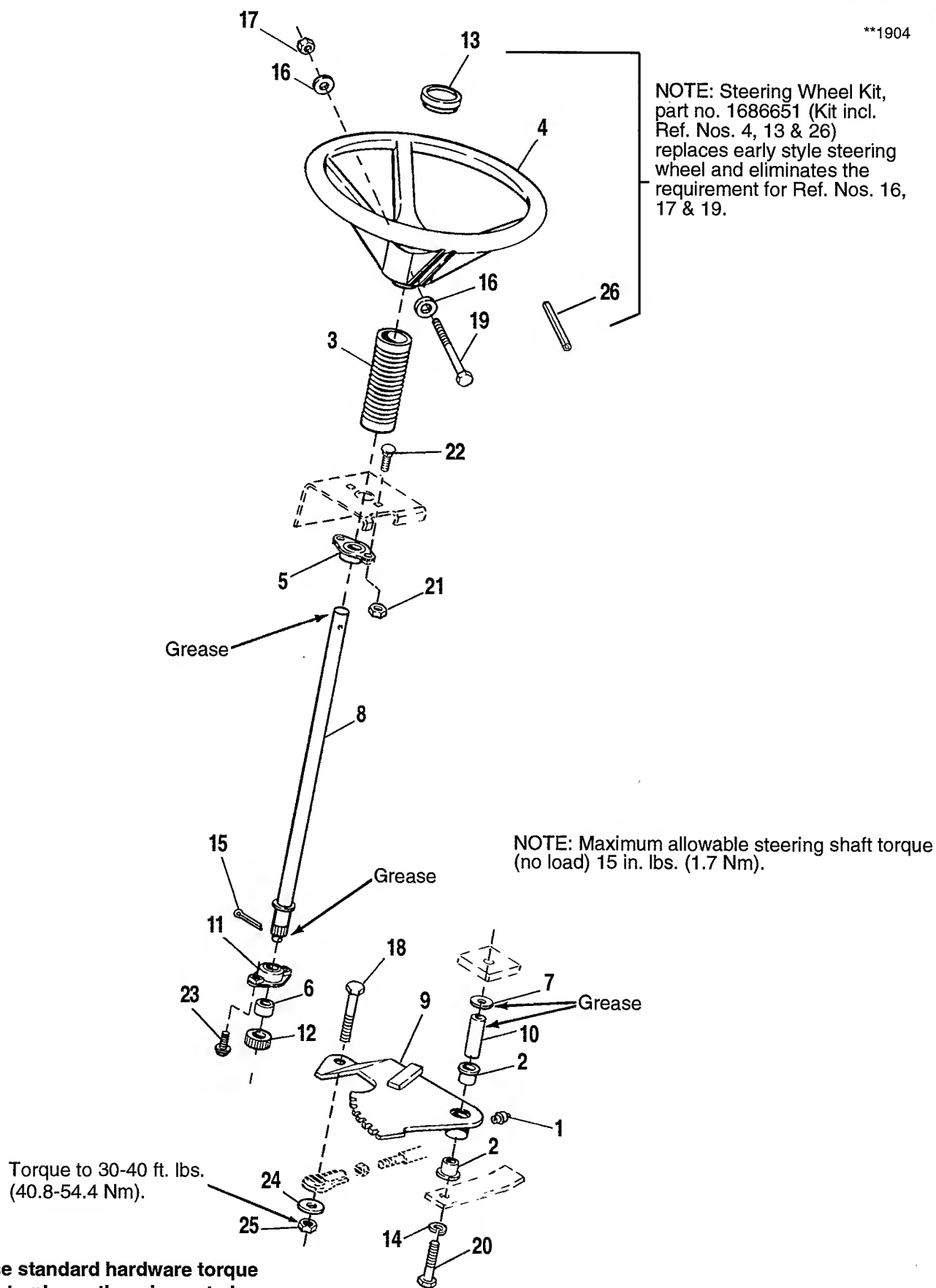


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Frame**

Ref. No.	Part No.	Qty.	Description
1	108717	2	SPACER
2	170397	2	STOP, Pivot
3	1664004	2	CLIP
4	1664847	2	SCREW, Taptite, 5/16-18 x 3/4
5	1664847	1	SCREW, Taptite, 5/16 x 3/4
6	1678424	1	RETAINER, Cable
7	1703180	2	SUPPORT ASSY., Gas Tank
8	1703308	1	PLATFORM, Orange
9	1703309	1	ROD, Latch
10	1703310	1	SPRING, Torsion
11	1703360	1	FRAME ASSY.
12	1703522	2	WEIGHT, Rear
13	1703774	1	BRACKET, Roller, Front
14	1703775	1	TUBE, Pivot
15	1703777	1	BRACKET ASSY.
16	1704173	1	BRACKET, Pivot
17	1704505	2	BUSHING, Flanged
18	1919439	1	NUT, Hex, Flange Lock, 3/8-16
19	1921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
20	1922755	2	WASHER, Plain, 3/8
21	1924856	4	SCREW, Taptite, 5/16-18 x 1/2
22	1924940	4	WASHER, Plain
23	1924940	1	WASHER, Plain
24	1928635	2	SCREW, Taptite, 5/16-18 x 1-1/4
25	1931277	4	NUT, Hex, Whizlock, 5/16-18
26	1931333	4	CARRIAGE BOLT, 5/16-18 x 3/4
27	41703308	1	PLATFORM, Red (Massey Ferguson)
28	71703308	1	PLATFORM, Green (Deutz-Allis models)

**1904

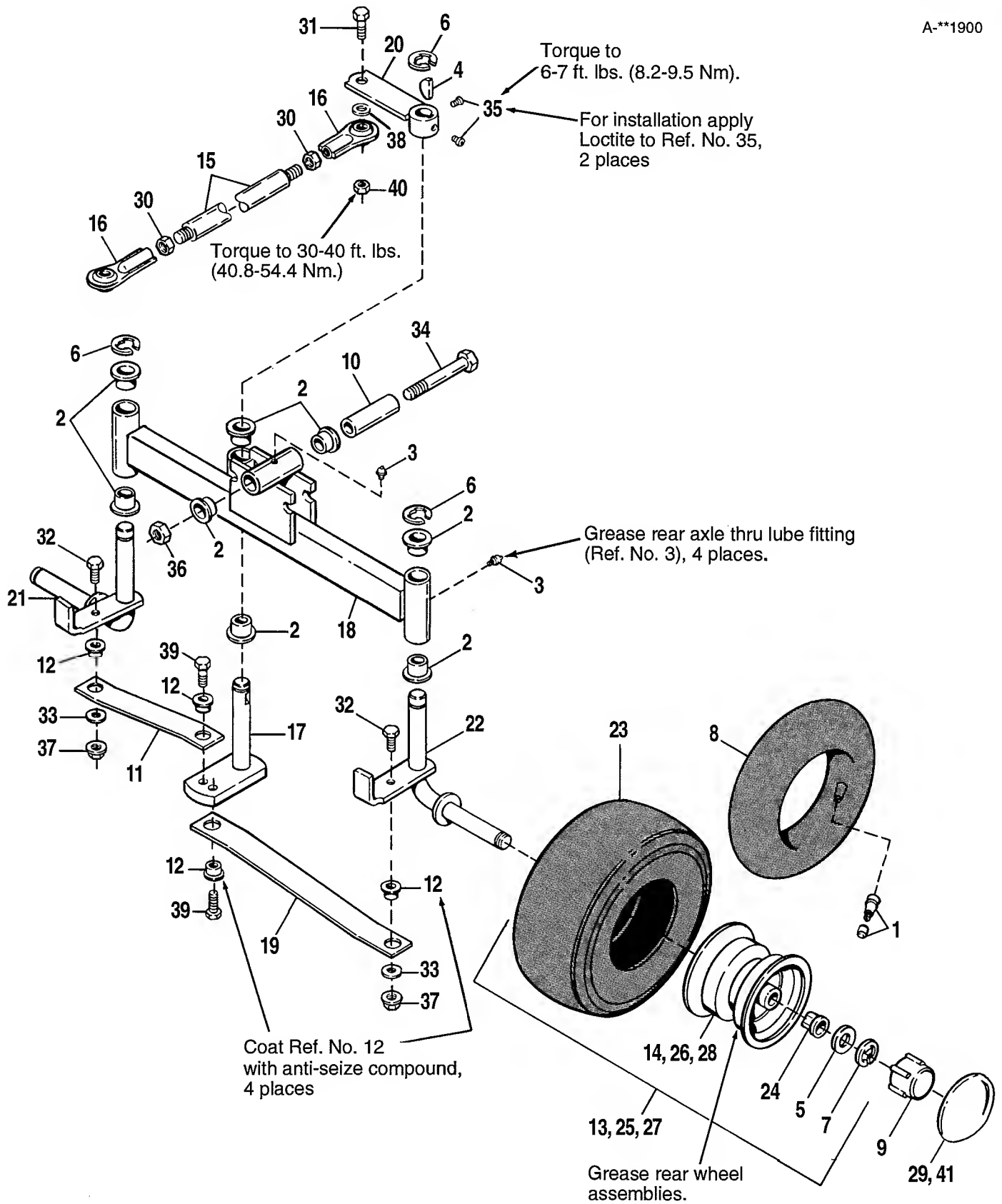


All Models

Steering

Ref. No.	Part No.	Qty.	Description
1	921133	1	FITTING, Lube
2	1671737	2	BEARING
3	1678381	1	TUBE, Steering Shaft
4	1686651*	1	STEERING WHEEL KIT (Incl. Ref. Nos. 13 & 26)
5	1702385	1	BEARING, Flange
6	1702784	1	SPACER, Steering Shaft
7	1702786	1	WASHER, Nylon
8	1702870	1	SHAFT ASSY., Steering
9	1703009	1	ARM ASSY.
10	1703112	1	SPACER
11	1703226	1	BEARING, Flange
12	1703305	1	PINION, Steering Shaft
13	1714097	1	CAP, Steering Wheel
14	1916966	1	LOCKWASHER, 1/2
15	1918455	1	PIN, Cotter
16	1919326	2	WASHER, 5/16
17	1919438	1	NUT, Hex, ESNA Lock, 5/16-18
18	1920328	1	CAPSCREW, Hex, 1/2-13 x 1-1/2
19	1925690	1	CAPSCREW, Hex, 5/16-18 x 3-1/2
20	1927469	1	CAPSCREW, Hex, 1/2-13 x 2-1/4
21	1931277	2	NUT, Hex, Whizlock, 5/16-18
22	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
23	1933260	2	SCREW, Whizlock, 3/8-16 x 3/4
24	1960170	1	WASHER, 1/2 x 1
25	1960379	1	NUT, Hex, ESNA, 1/2-13 (Thin)
26	1960540	1	PIN, Spring, 5/8 x 2

* Steering Wheel Kit, part no. 1686651 (Kit incl. Ref. Nos. 4, 13 & 26) replaces early style steering wheel and eliminates the requirement for Ref. Nos. 16, 17 & 19.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

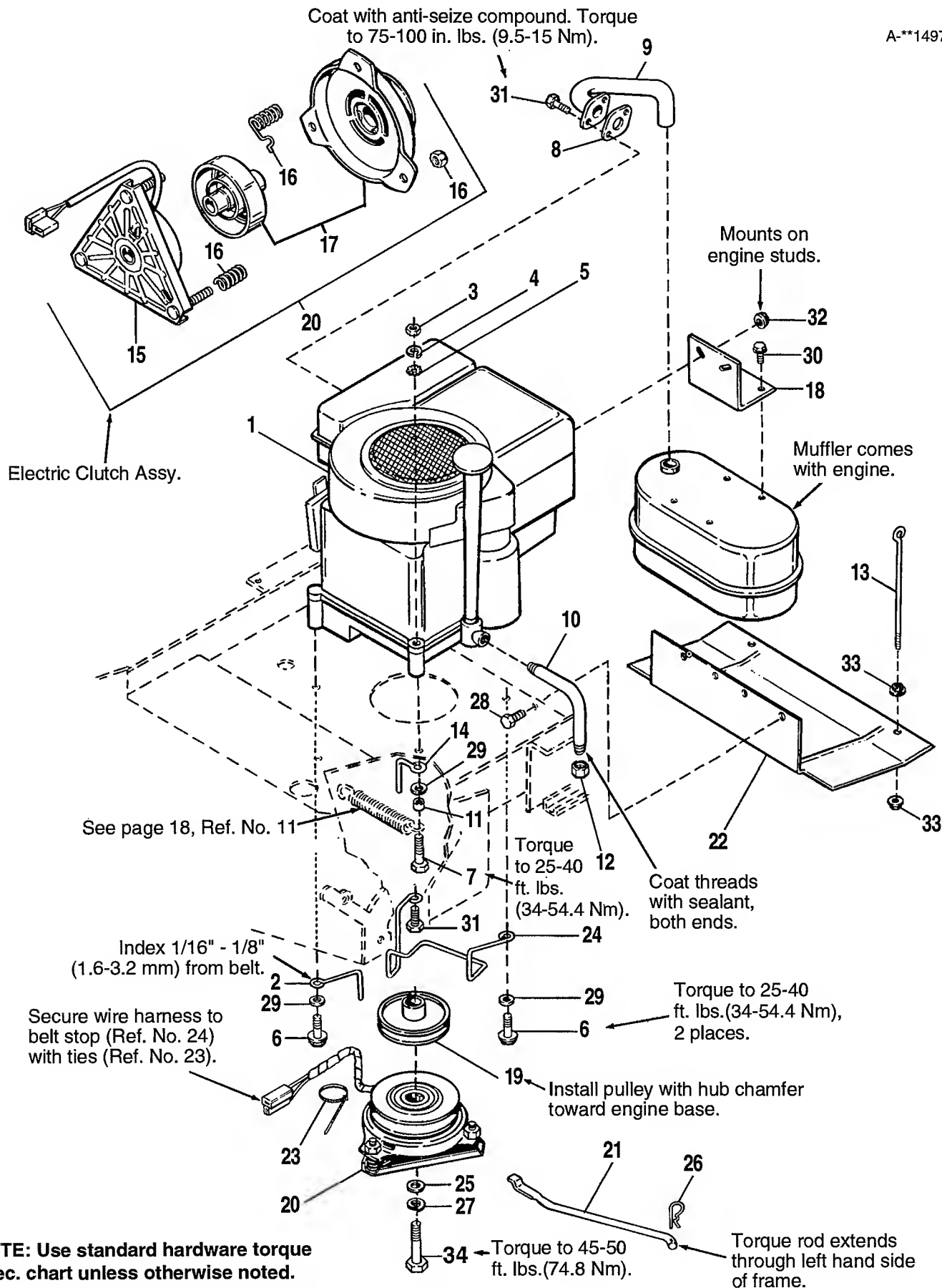
All Models

Rear Axle & Rear Wheels

Ref. No.	Part No.	Qty.	Description
1	172353	2	VALVE STEM & CAP
2	176440	8	BEARING, Nylon
3	921133	4	LUBE FITTING
4	930672	1	KEY, Hi Pro, 3/16 x 5/8
5	960202	2	WASHER, 3/4
6	1611710	3	E-RING
7	1611710	2	RING, Retaining
8	1664090	2	TUBE (Service only, see note below)
9	1673333	2	CAP, Threaded
10	1678228	1	TUBE, Pivot Support
11	1678313	1	ROD, Tie
12	1678333	4	SPACER
13	1702606	2	REAR WHEEL & TIRE ASSY., Silver, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 4 & 23)
14	1702607	2	REAR WHEEL ASSY., Silver, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
15	1702778	1	DRAG LINK
16	1702779	2	ROD END, Ball Joint
17	1703172	1	STEERING ARM ASSY
18	1703175	1	REAR AXLE ASSY.
19	1703178	1	ROD, Tie
20	1703203	1	STEERING ARM ASSY.
21	1703954	1	SPINDLE ASSY., RH
22	1703964	1	SPINDLE ASSY., LH
23	1709376	2	TIRE, Dico, 13 x 5.00-6
24	1713167	4	BEARING
25	1713990	2	REAR WHEEL & TIRE ASSY., White, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 8, 23 & 26)
26	1713991	2	REAR WHEEL ASSY., White, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
27	1714239	2	REAR WHEEL & TIRE ASSY., Metallic Gray, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 8, 23 & 28)
28	1714240	2	REAR WHEEL ASSY., Metallic Gray, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
29	1714428	2	HUB CAP, Black, Smooth, 5-3/4 diameter
30	1919262	2	NUT, Jam, 1/2-20
31	1920328	1	CAPSCREW, Hex Hd., 1/2-13 x 1-1/2
32	1920415	2	CAPSCREW, Hex, 3/8-16 x 1-1/4
33	1924940	2	WASHER, 3/8
34	1926158	1	CAPSCREW, 1/2-13 x 4
35	1928804	2	SETSCREW, Cup Pt., 1/4-20 x 5/16
36	1930644	1	NUT, ESNA, Lock, 1/2-13
37	1930651	2	NUT, Centerlock, 3/8-16
38	1960170	1	WASHER, 1/2
39	1960378	2	CAPSCREW, Whizlock, 3/8-16 x 7/8
40	1960379	1	NUT, Lock, ESNA, 1/2-13 (Thin)
41	1714925	2	HUB CAP, Black, Scalloped, 5-3/4 diameter

NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes. The sealant is available under the following part numbers:

- 1685525 1 CASE OF 24, 11 oz. tubes
- 1685527 1 PAIL, 5 gallon
- 1685537 1 CASE OF 12, 11 oz. tubes



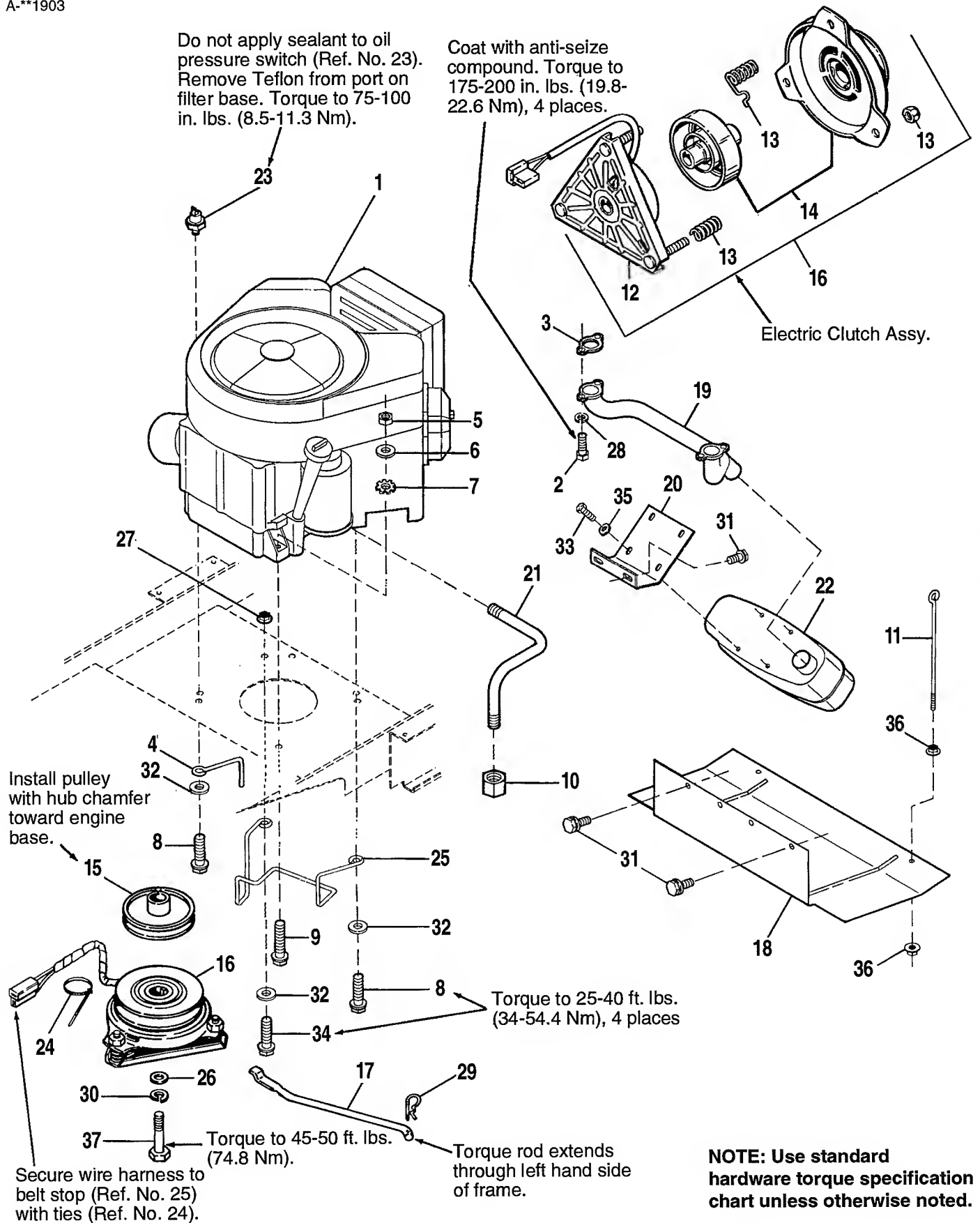
Mfg. No. 1691655, 1691659

Engine - 12 HP

Ref. No.	Part No.	Qty.	Description
1	*	1	ENGINE, 12 HP, Briggs & Stratton
2	172844	1	STOP, Belt
3	916950	1	NUT, Hex, 3/8-16
4	916965	1	LOCKWASHER, 3/8
5	920427	1	LOCKWASHER, Ext. Tooth, 3/8
6	930598	3	SCREW, Taptite, 3/8-16 x 1-1/2
7	960358	1	SCREW, Taptite, 3/8-16 x 2-1/2
8	1650670	1	GASKET, Muffler
9	1655860	1	PIPE, Exhaust
10	1664989	1	DRAIN, Oil
11	1666804	1	SPACER
12	1667346	1	CAP, Hex, 3/8
13	1676338	2	ROD, Battery Hold Down
14	1678306	1	STOP, Belt
15	1679101	1	FIELD ASSY., Clutch
16	1679104	1	ACCESSORY KIT
17	1685485	1	ROTOR ASSY/ARMATURE ASSY. KIT, Clutch
18	1700164	1	BRACKET, Muffler
19	1702962	1	PULLEY ASSY., Drive
20	1703074	1	ELECTRIC CLUTCH ASSY. (Incl. Ref. Nos. 15 - 17)
21	1703107	1	ROD, Torque
22	1703720	1	HEAT SHIELD ASSY.
23	1704739	2	TIE
24	1705268	1	STOP, Belt
25	1708264	1	WASHER, 7/16
26	1918196	1	CLIP, Hair Pin
27	1918199	1	LOCKWASHER, 7/16
28	1924856	2	SCREW, Taptite, 5/16-18 x 1/2
29	1924940	4	WASHER, 3/8
30	1927429	4	SCREW, Taptite, 1/4-20 x 5/8
31	1930591	2	SCREW, Whizlock, 5/16-18 x 3/4
32	1931277	2	NUT, Hex, Whizlock, 5/16-18
33	1960294	4	NUT, Flange, Whizlock, 1/4-20
34	1960351	1	CAPSCREW, Hex, 7/16 x 3-1/4

*** See your local Briggs & Stratton distributor for engine parts & service.**

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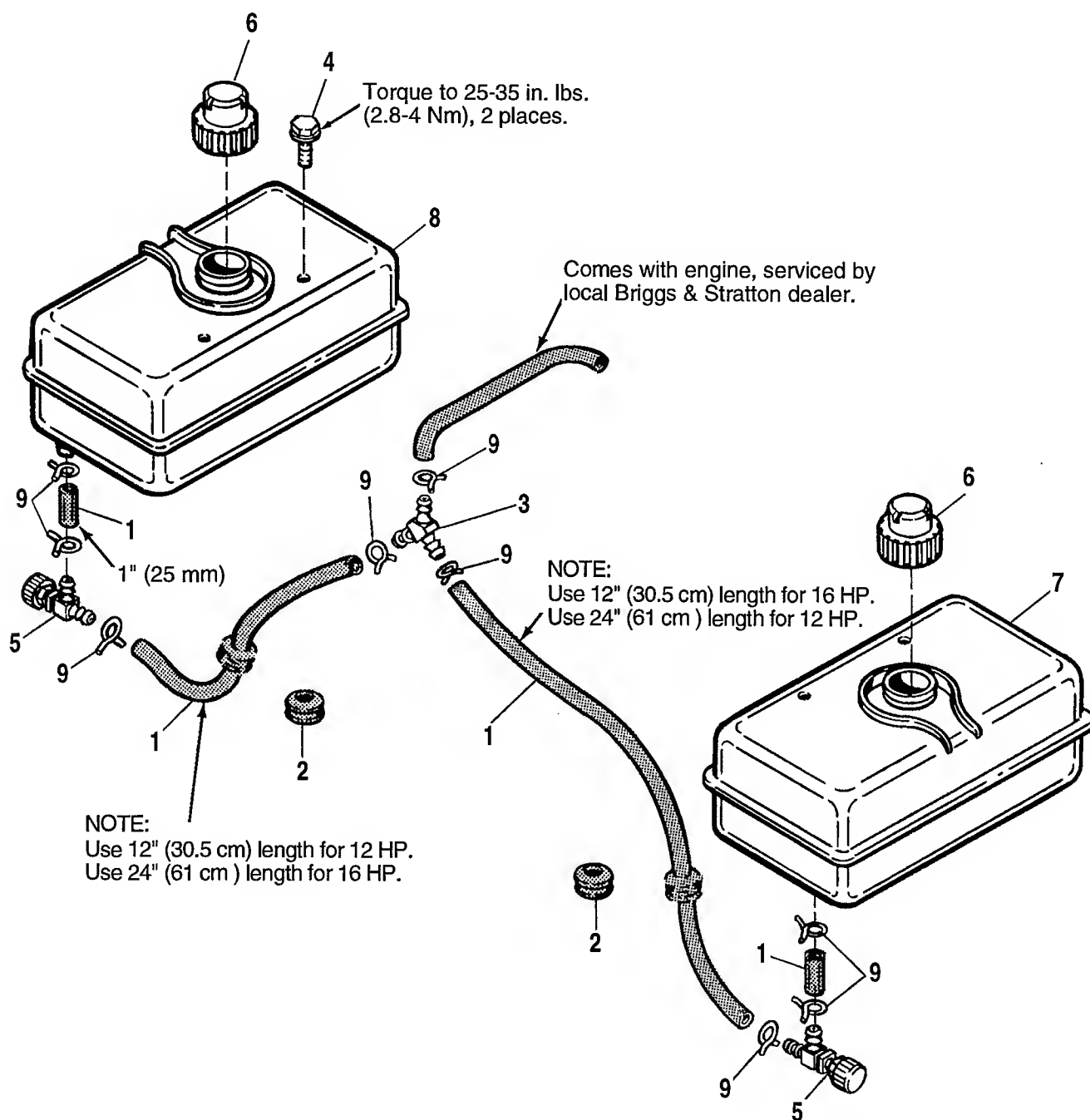


Mfg. No. 1691656, 1691660, 1692014, 1692375, 1692376, 1692512

Engine - 12 HP & 16 HP

Ref. No.	Part No.	Qty.	Description
1	*	1	ENGINE, 12.5 or 16 HP Briggs & Stratton
2	*	4	CAPSCREW, Metric
3	*	2	GASKET, Muffler
4	172844	1	STOP, Belt
5	916950	1	NUT, Hex, 3/8-16
6	916965	1	LOCKWASHER, 3/8
7	920427	1	LOCKWASHER, Ext. Tooth, 3/8
8	930598	3	SCREW, Taptite, 3/8-16 x 1-1/2
9	960358	1	SCREW, Taptite, 3/8-16 x 2-1/2
10	1667346	1	CAP, Hex, Pipe, 3/8
11	1676338	2	ROD, Hold Down
12	1679101	1	FIELD ASSY., Clutch
13	1679104	1	ACCESSORY KIT, Clutch
14	1685485	1	ROTOR ASSY/ARMATURE ASSY. KIT, Clutch
15	1702962	1	PULLEY ASSY., Drive
16	1703074	1	ELECTRIC CLUTCH ASSY., (Incl. Ref. Nos. 12 - 14)
17	1703107	1	ROD, Torque
18	1703720	1	SHIELD, Heat
19	1703760	1	MANIFOLD, Exhaust
20	1703773	1	BRACE, Muffler
21	1703821	1	DRAIN, Oil
22	1703906	1	MUFFLER ASSY., w/Deflector
23	1703956	1	SWITCH, Oil Pressure
24	1704739	1	TIE
25	1705268	1	STOP, Belt
26	1708264	1	WASHER, 7/16
27	1916159	1	NUT, Retainer, 5/15-18
28	1917356	4	LOCKWASHER, 5/8
29	1918196	1	CLIP, Hair Pin
30	1918199	1	LOCKWASHER, 7/16
31	1924856	4	SCREW, Taptite, 5/16-18 x 1/2
32	1924940	3	WASHER, 3/8
33	1927429	4	SCREW, Taptite, 1/4-20 x 5/8
34	1930591	2	SCREW, Hex, Whizlock, 5/16-18 x 3/4
35	1960151	4	WASHER,
36	1960294	4	NUT, Flange, Whizlock, 1/4-20
37	1960351	1	CAPSCREW, Hex, 7/16 x 3-1/4

*** See your local Briggs & Stratton distributor for engine parts & service.**

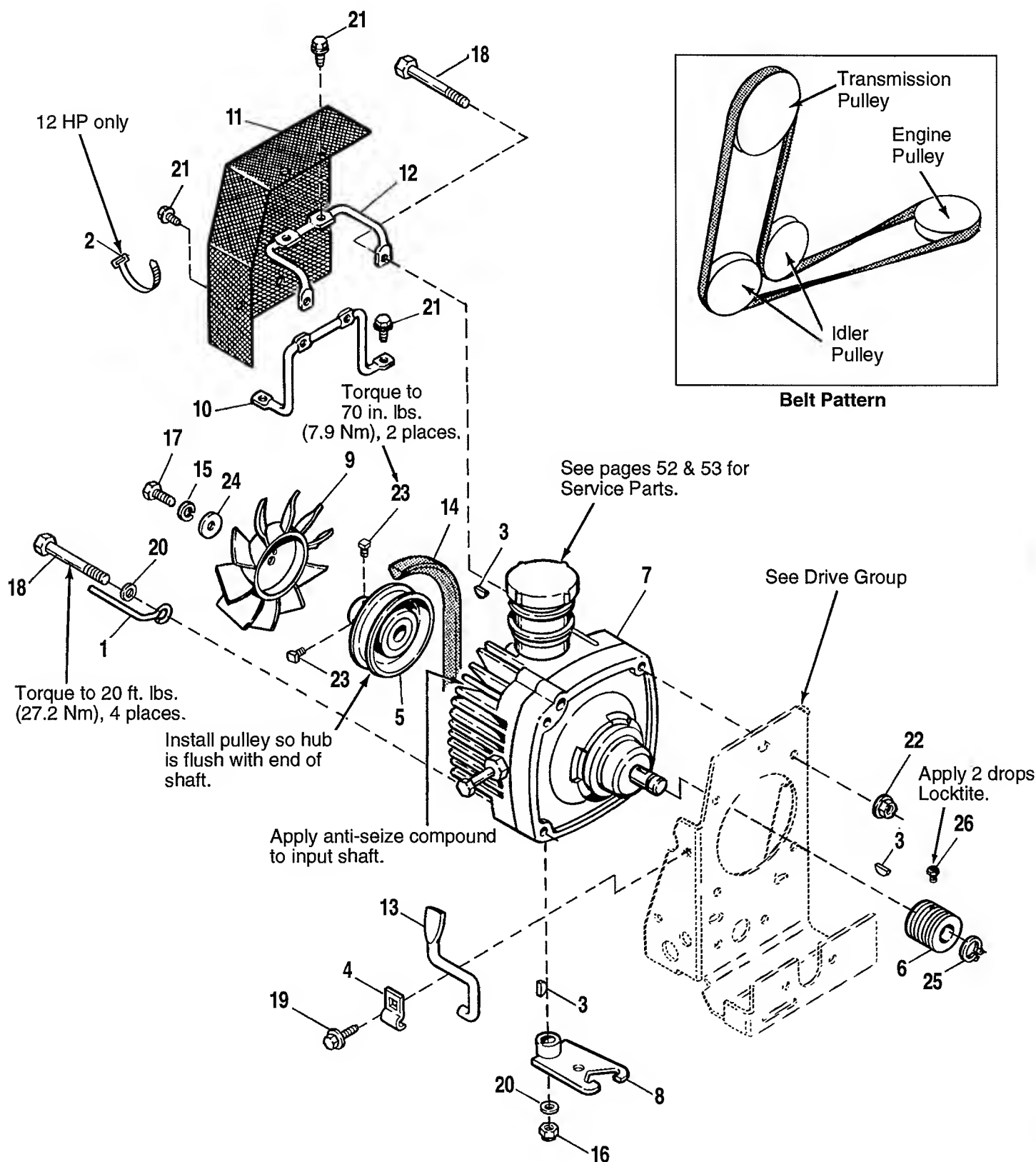


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Fuel System**

Ref. No.	Part No.	Qty.	Description
1	*	A/R	HOSE, Fuel
2	1650793	2	GROMMET
3	1678320	1	FITTING, Tee
4	1678380	4	SCREW, Special
5	1678455	2	VALVE, Shutoff
6	1702507	2	CAP, Fuel Tank
7	1702508	1	TANK, Fuel (LH) (Incl. Qty. 1, Ref. No. 9)
8	1702509	1	TANK, Fuel (RH) (Incl. Qty. 1, Ref. No. 9)
9	1960112	9	CLAMP, Hose

*** Order part number 1676861, 45" fuel hose, and cut to length.**



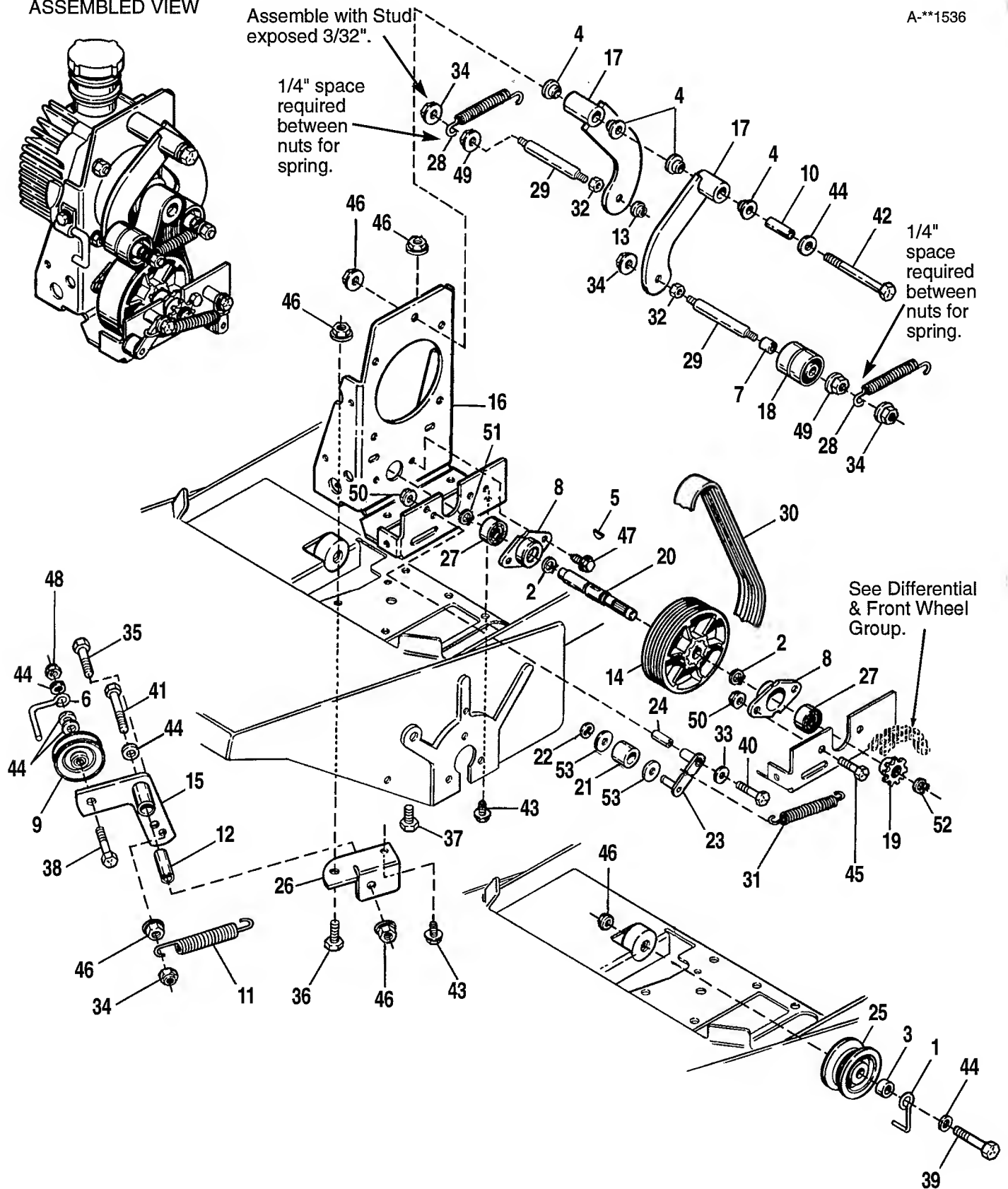
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Transmission**

Ref. No.	Part No.	Qty.	Description
1	167032	1	STOP, Belt
2	932747	1	TIE
3	960397	3	KEY, Woodruff
4	1664004	1	CLIP, Tow Latch
5	1670855	1	PULLEY, Transmission
6	1700307	1	PULLEY, Drive
7	1700690	1	TRANSMISSION - Hydro Pump (See pages 52 & 53 for service parts)
8	1700795	1	CONTROL ARM ASSY.
9	1700814	1	FAN
10	1701219	1	MOUNTING BRACKET, Fan Guard
11	1701220	1	GUARD, Fan
12	1701221	1	MOUNTING BRACKET, Fan Guard
13	1701467	1	ROD, Tow Latch
14	1704735	1	BELT, Drive
15	1916964	1	LOCKWASHER, 1/4
16	1919439	1	NUT, Hex, ESNA Lock, 5/16-18
17	1921958	1	CAPSCREW, Hex, 1/4-20 x 1/2
18	1923903	4	CAPSCREW, Hex, 3/8-16 x 3
19	1924856	1	SCREW, Taptite, 5/16-18 x 1/2
20	1924940	2	WASHER, 5/16
21	1925003	6	SCREW, Hex, Taptite, 1/4-20 x 1/2
22	1928352	4	NUT, Hex, Whizlock, 3/8-16
23	1960110	2	SETSCREW, Sq. Hd., Cup Pt., 1/4-28 x 1/2
24	1960151	1	WASHER, 1/4 x 1-1/4
25	1960310	1	RING, Retaining
26	1960348	2	SETSCREW, 1/4-20 x 3/8

ASSEMBLED VIEW

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NOTE: Use standard hardware torque spec. chart unless otherwise noted.

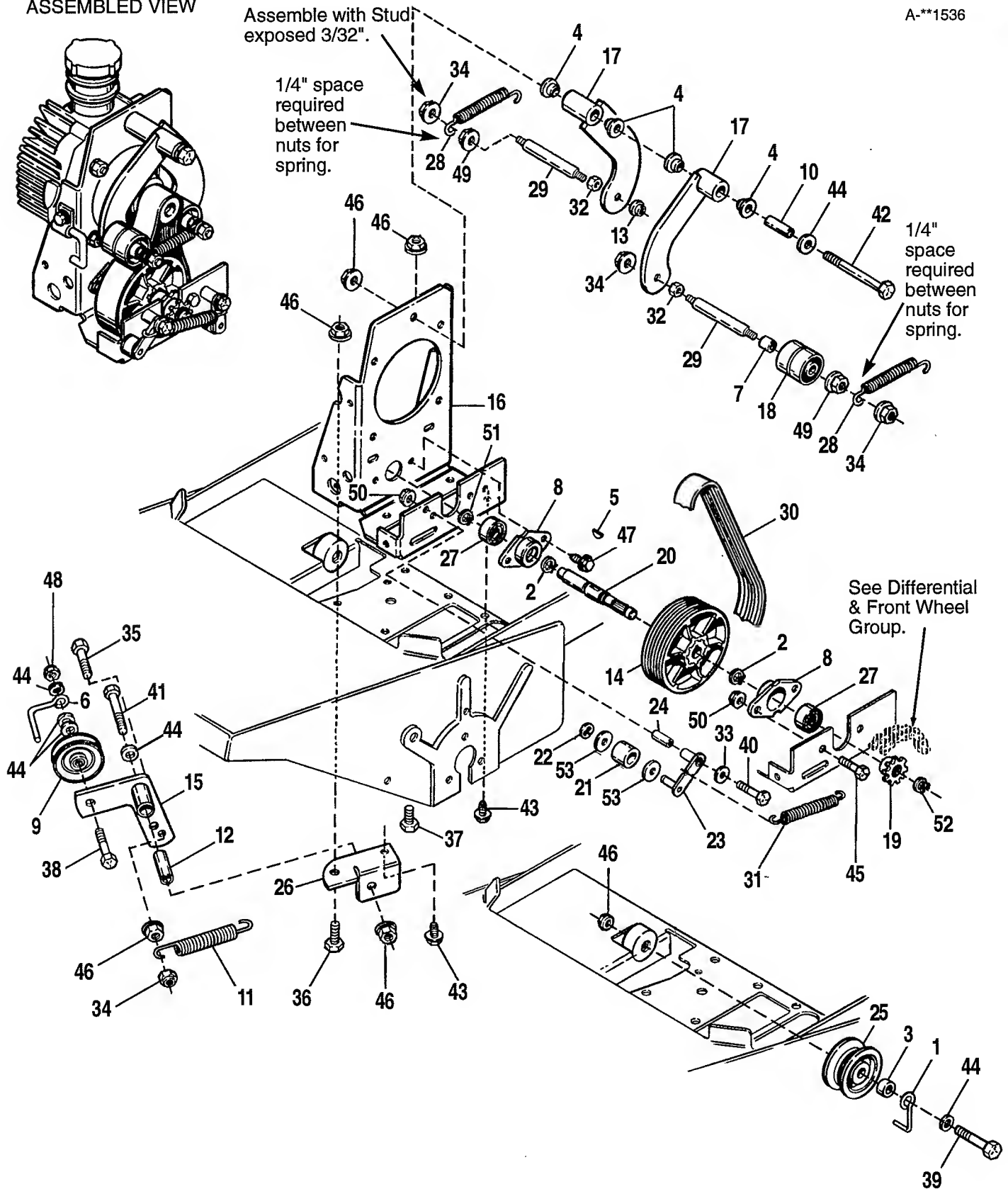
All Models**Drive**

Ref. No.	Part No.	Qty.	Description
1	161080	1	STOP, Belt
2	166017	2	RING, Retaining
3	172454	1	SPACER
4	176444	4	BUSHING
5	930670	1	KEY, Woodruff
6	1656054	1	STOP, Belt
7	1665699	2	SPACER
8	1667341	2	RETAINER, Bearing
9	1668827	1	PULLEY, Idler
10	1669105	2	TUBE, Pivot
11	1676351	1	SPRING
12	1678057	1	SPACER
13	1678333	1	SPACER
14	1700309	1	PULLEY, Drive
15	1700629	1	CLUTCH ARM ASSY.
16	1700640	1	BRACKET, Pump Mount
17	1700976	2	IDLER ARM ASSY.
18	1700996	2	PULLEY, Idler
19	1701174	1	SPROCKET, Drive (9 Teeth)
20	1701175	1	JACKSHAFT
21	1701785	2	ROLLER, Chain
22	1704420	2	KLIP RING, Retaining
23	1704686	2	CONTROL ARM ASSY.
24	1704690	2	SPACER, Control Arm Assy.
25	1704740	1	PULLEY ASSY., Idler
26	1704754	1	BRACKET, Clutch Arm
27	1705897	2	BEARING Ball
28	1707510	2	SPRING, Tension, 4"
29	1713368	2	STUD, 3/8-16 X 4-1/2
30	1713639	1	BELT, Drive, Poly "V"
31	1714231	1	SPRING, Tension, Idler Assy.
32	1917421	2	NUT, Jam, 3/8-16
33	1919381	2	WASHER, Plain, 5/16
34	1919439	4	NUT, Hex, ESNA, Lock, 3/8-16
35	1920415	1	CAPSCREW, Hex, 3/8-16 x 1-1/4
36	1921210	1	CAPSCREW, Hex, 3/8-16 x 1
37	1921965	3	CAPSCREW, Hex, 3/8-16 x 3/4
38	1921971	1	CAPSCREW, Hex, 3/8-16 x 1-3/4
39	1921973	1	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
40	1921978	2	CAPSCREW, Hex, 5/16-18 x 2

Ref. Nos. 41 - 53 are on the following page.

ASSEMBLED VIEW

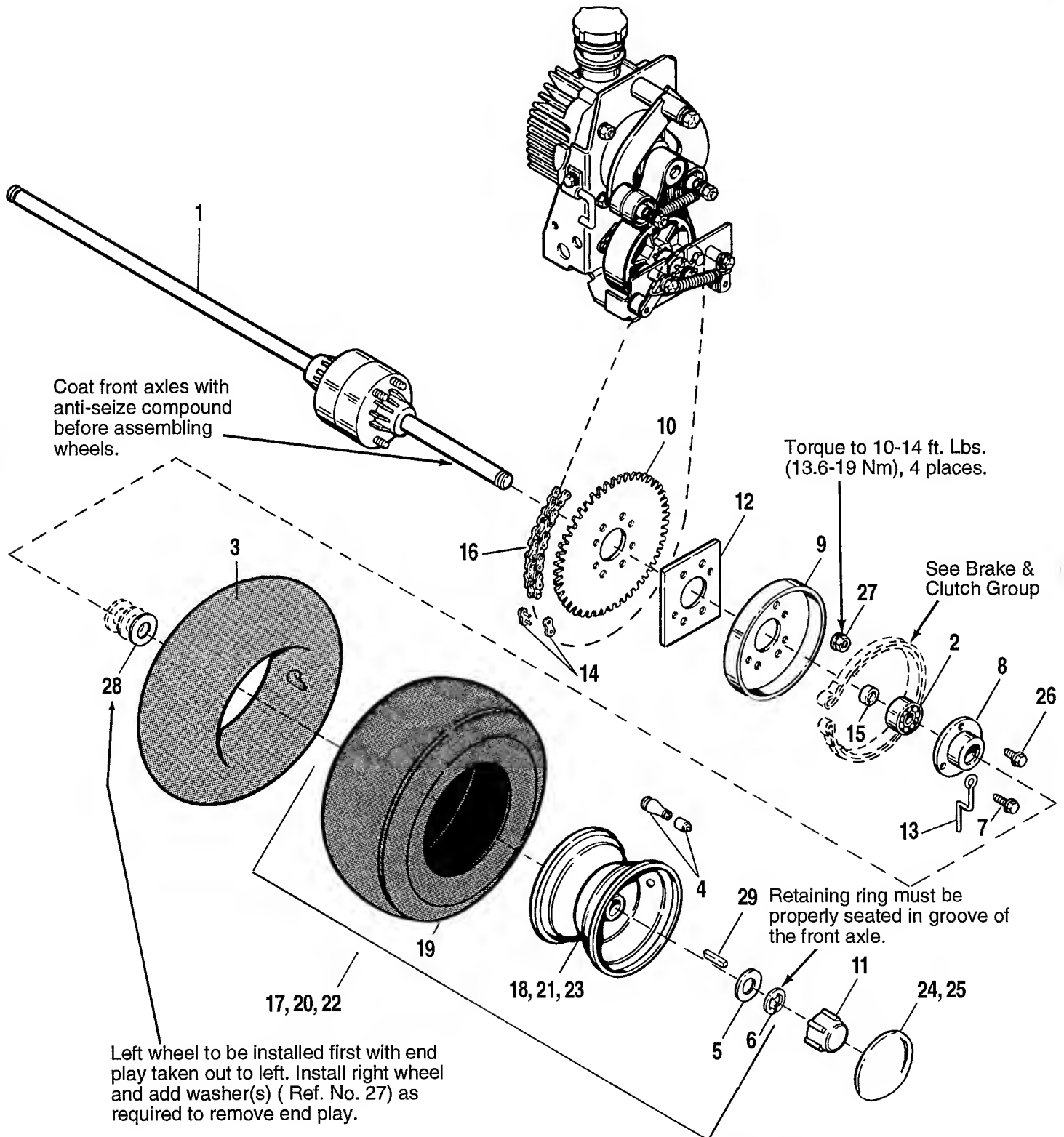
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All Models**Drive**

Ref. No.	Part No.	Qty.	Description
41	1922130	1	CAPSCREW, Hex, Hd., 3/8-16 x 2-1/4
42	1922648	1	CAPSCREW, Hex, 3/8-16 x 4
43	1924856	9	SCREW, Hex, Taptite, 5/16-18 x 1/2
44	1924940	9	WASHER, 3/8
45	1925205	2	CAPSCREW, Hex, 5/16-18 x 5/8
46	1928352	6	NUT, Hex, Flange, Lock, 3/8-16
47	1928729	2	SCREW, Taptite, 5/16-18 x 3/8
48	1930645	1	NUT, Centerlock 3/8-16
49	1931211	2	NUT, Hex, Whiz, 3/8-16
50	1931277	4	NUT, Hex, Whizlock, 5/16-18
51	1960310	1	RING, Retaining
52	1960328	1	RING, Retaining
53	1960527	4	WASHER

Ref. Nos. 1 - 40 are on the preceding page.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Differential & Front Wheels

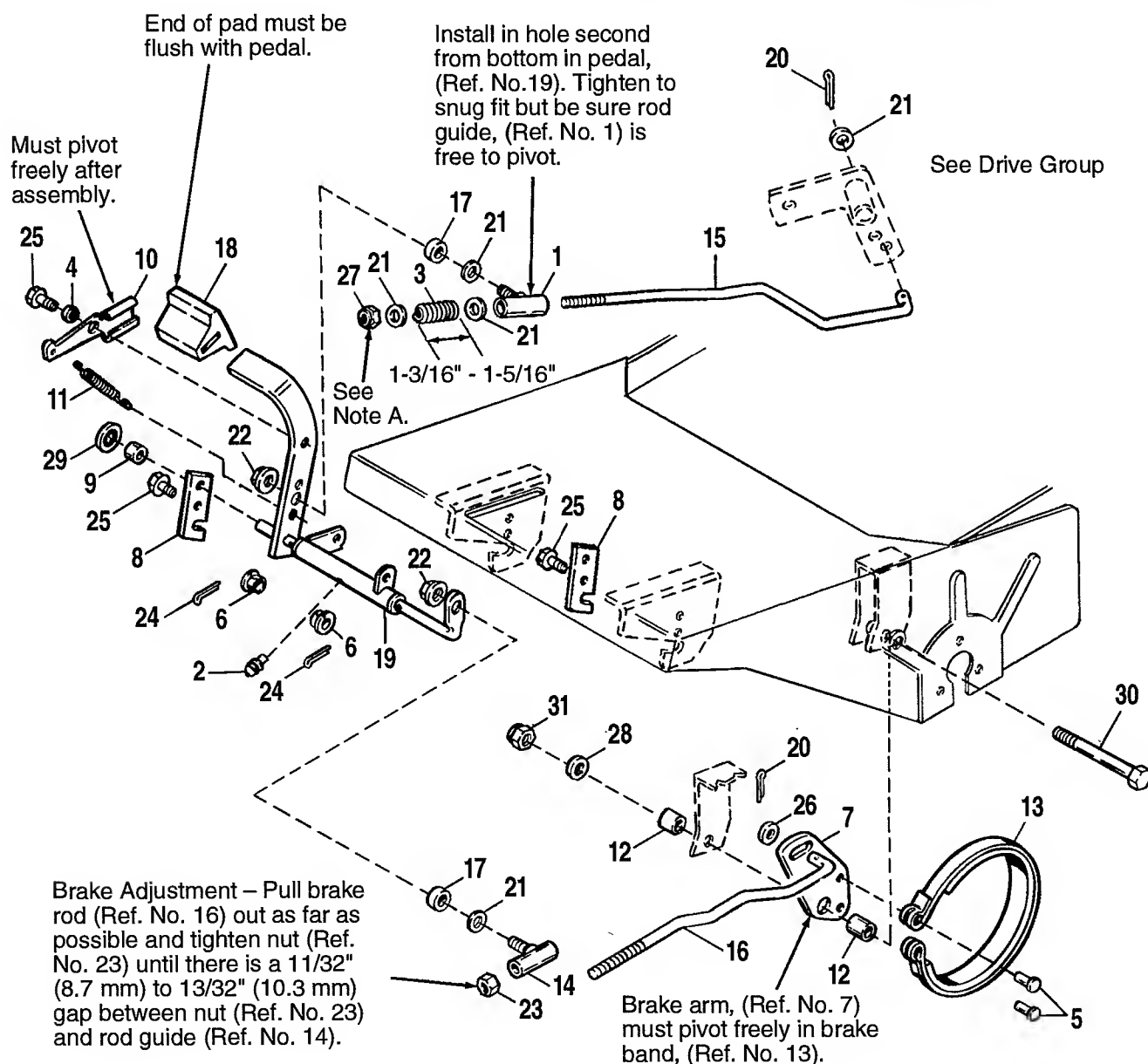
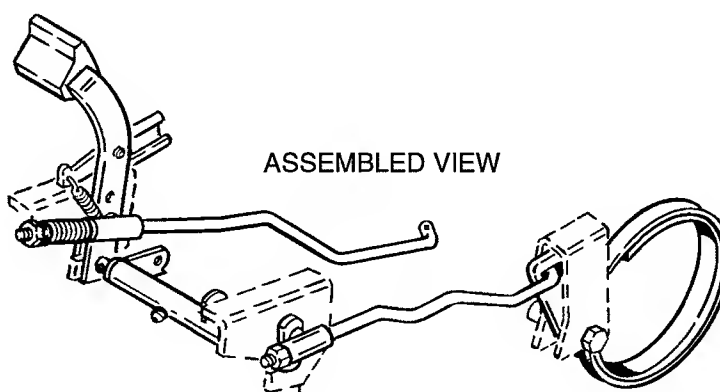
Ref. No.	Part No.	Qty.	Description
1	*	1	AXLE ASSY., Differential (See pages 54 & 55 for service parts)
2	108202	2	BEARING
3	164247	2	TUBE (Service only, see note below)
4	172353	2	VALVE STEM & CAP
5	960202	3	WASHER, 3/4
6	1611710	2	RING, Retaining, Wheel
7	1664847	1	SCREW, Taptite, 5/16-18 x 3/4
8	1665696	2	FLANGE, Bearing
9	1668295	1	DRUM, Brake
10	1668296	1	SPROCKET, 54 Tooth
11	1673333	2	CAP, Threaded (Not used on export models)
12	1678408	1	SHIM, Sprocket
13	1678447	1	STOP, Brake Band
14	1701112	1	MASTERLINK, Chain
15	1701772	1	SPACER, Axle
16	1704298	1	CHAIN, Roller, #40 x 63 pitches
17	1705038	2	WHEEL & TIRE ASSY., Silver, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 18 & 19)
18	1705047	2	WHEEL ASSY., Silver, 5-3/8" wide x 8" dia.
19	1709381	2	TIRE, Dico, Turf Trac, 16 x 6.50-8
20	1713988	2	WHEEL & TIRE ASSY., White, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 19 & 21)
21	1713989	2	WHEEL ASSY., White, 5-3/8" wide x 8" dia
22	1714237	2	WHEEL & TIRE ASSY., Metallic Gray, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 19 & 23)
23	1714238	2	WHEEL ASSY., Metallic Gray, 5-3/8" wide x 8" dia.
24	1714429	2	HUBCAP, 8", Smooth
25	1714926	2	HUBCAP, 8", Scalloped
26	1924856	5	SCREW, Taptite, 5/16-18 x 1/2
27	1931277	4	NUT, Hex, Whizlock, 5/16-18
28	1960114	3	WASHER, Shim, 3/4 x 1-1/6 (Use as needed)
29	8221042	2	KEY, 3/16 x 3/16 x 1-1/2

* See your local Tecumseh/Peerless distributor for parts and service.

* NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes. The sealant is available under the following part numbers:

1685525	1	CASE OF 24, 11 oz. tubes
1685527	1	PAIL, 5 gallon
1685537	1	CASE OF 12, 11 oz. tubes

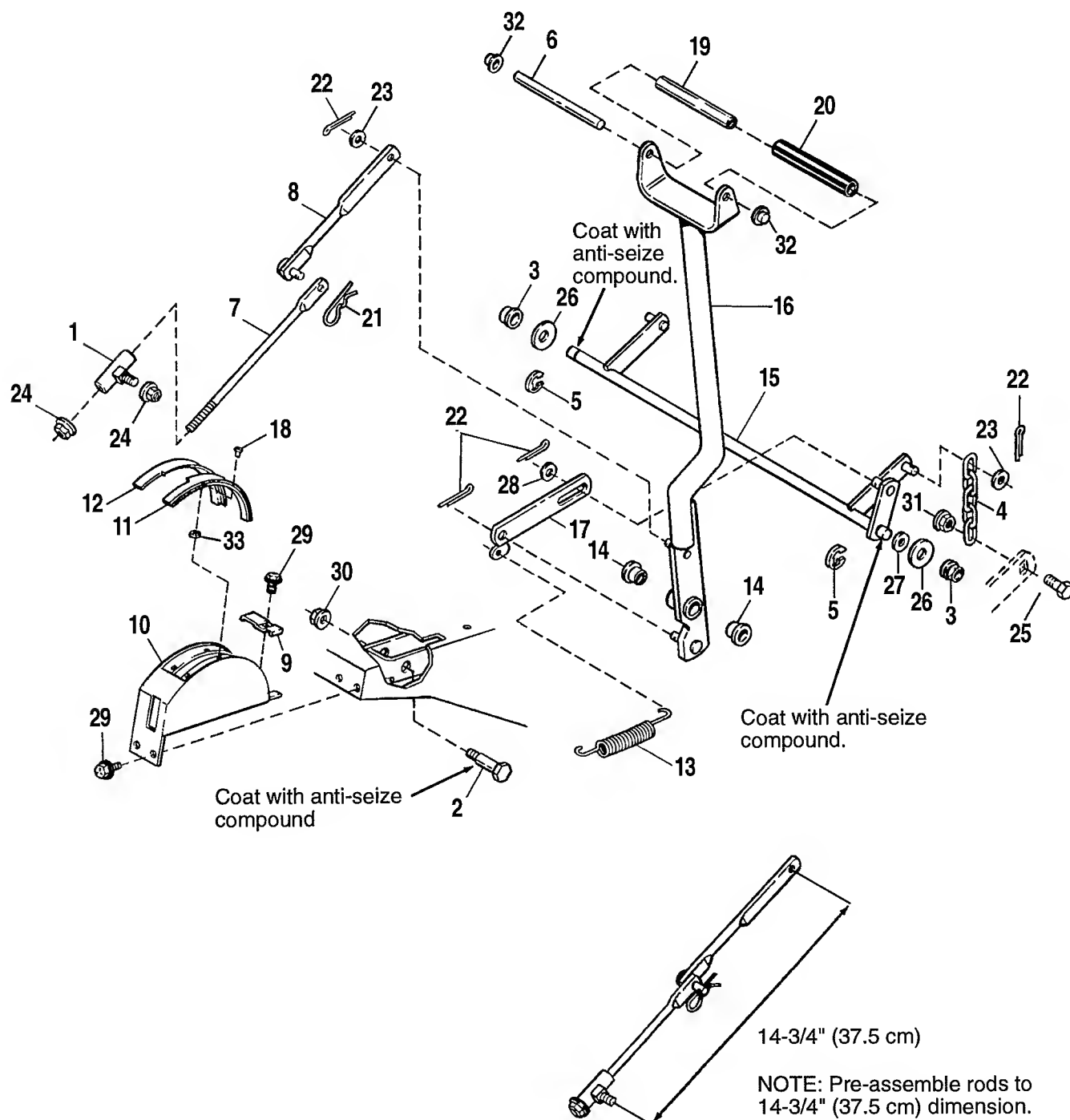
NOTE A: Clutch Adjustment – With pedal released, tighten nut (Ref. No. 27) on clutch rod (Ref. No. 15) until spring (Ref. No. 3) is compressed to a height of 1-5/16" (30.2 mm) to 1-3/16" (33.3 mm) on the long side of spring.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Brake & Clutch**

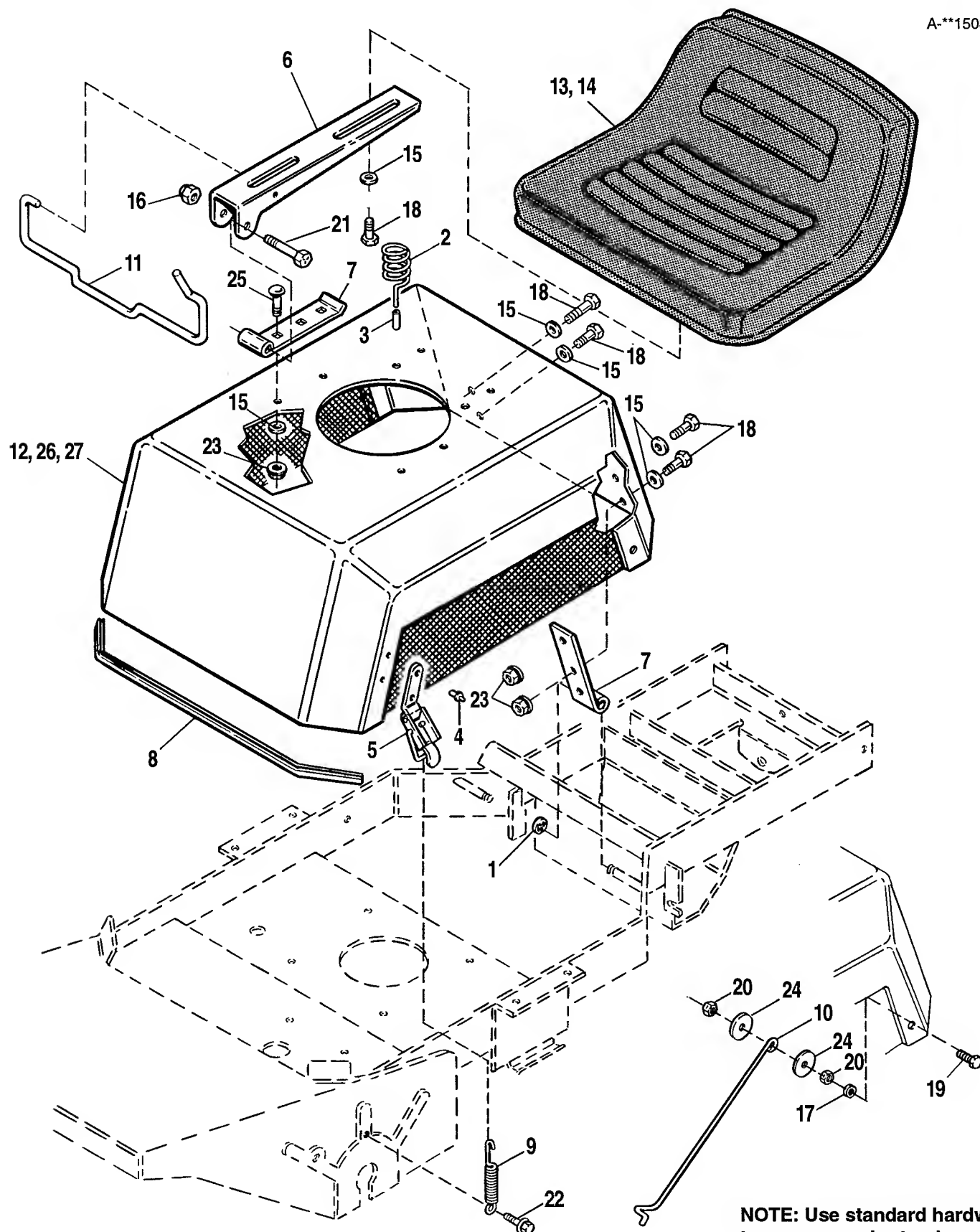
Ref. No.	Part No.	Qty.	Description
1	154117	1	GUIDE ASSY., Rod
2	921133	1	FITTING, Grease
3	1650347	1	SPRING
4	1665844	1	SPACER
5	1667132	2	PIN
6	1668185	2	BUSHING, Nylon, Split
7	1678279	1	LINK, Brake Arm
8	1678327	2	BRACKET, Brake
9	1678328	1	SPACER
10	1678340	1	LATCH, Brake
11	1678341	1	SPRING
12	1678409	2	SPACER
13	1679357	1	BAND ASSY., Brake
14	1700114	1	GUIDE ASSY., Rod
15	1703100	1	ROD, Clutch
16	1703375	1	ROD, Brake
17	1703900	2	SPACER
18	1704849	1	PAD, Pedal
19	1705775	1	SHAFT ASSY., Brake
20	1918447	2	PIN, Cotter, 3/4
21	1919326	5	WASHER, 5/16
22	1919438	2	NUT, Hex, ESNA, Lock, 5/16-18
23	1919439	1	NUT, Hex, Lock, 3/8-16
24	1923360	2	PIN, Cotter
25	1924856	5	SCREW, Taptite, 5/16-18 x 1/2
26	1924940	1	WASHER, 3/8
27	1935048	1	NUT, Hex, Centerlock, 5/16-18
28	1960170	1	WASHER, 1/2
29	1960260	1	PUSHNUT
30	1960286	1	CAPSCREW, 1/2-13 x 3-1/2, Gr. 5
31	1960379	1	NUT, Hex, ESNA, Lock, 1/2-13



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Implement Lift**

Ref. No.	Part No.	Qty.	Description
1	108166	1	YOKE ASSY., Pivot
2	170135	1	BOLT, Shoulder
3	1668185	2	BUSHING, Nylon
4	1678337	2	CHAIN, Lift
5	1703805	2	KLIPRING, 1/2
6	1704038	1	PIN
7	1704163	1	LIFT ROD, Lower
8	1704175	1	LIFT ROD ASSY.
9	1704199	1	CLAMP, Cover
10	1704363	1	COVER, Lift Lever
11	1704364	1	STRIP, Rubber, LH
12	1704365	1	STRIP, Rubber, RH
13	1704442	1	SPRING
14	1704505	2	BUSHING, Flanged
15	1704868	1	SHAFT ASSY., Lift
16	1704869	1	HANDLE ASSY., Lift
17	1704871	1	BAR ASSY., Lift
18	1704882	8	RIVET
19	1704915	1	SPACER
20	1705005	1	HANDLE
21	1918196	1	COTTER PIN, Hairpin
22	1918447	5	PIN, Cotter
23	1919326	3	WASHER
24	1919439	2	NUT, Hex, ESNA Lock, 3/8-16
25	1921333	2	CAPSCREW, 5/16-16 x 1
26	1924359	2	WASHER, Plain
27	1924361	1	WASHER, 1/2
28	1924940	1	WASHER, Plain, 3/8
29	1929477	3	SCREW, Taptite #10-24 x 1/2
30	1931211	1	NUT, Whizlock, 3/8-16
31	1935048	2	NUT, Hex, Flange, Lock, 5/16-18
32	1960093	2	PUSHNUT
33	1960521	8	PUSHNUT



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

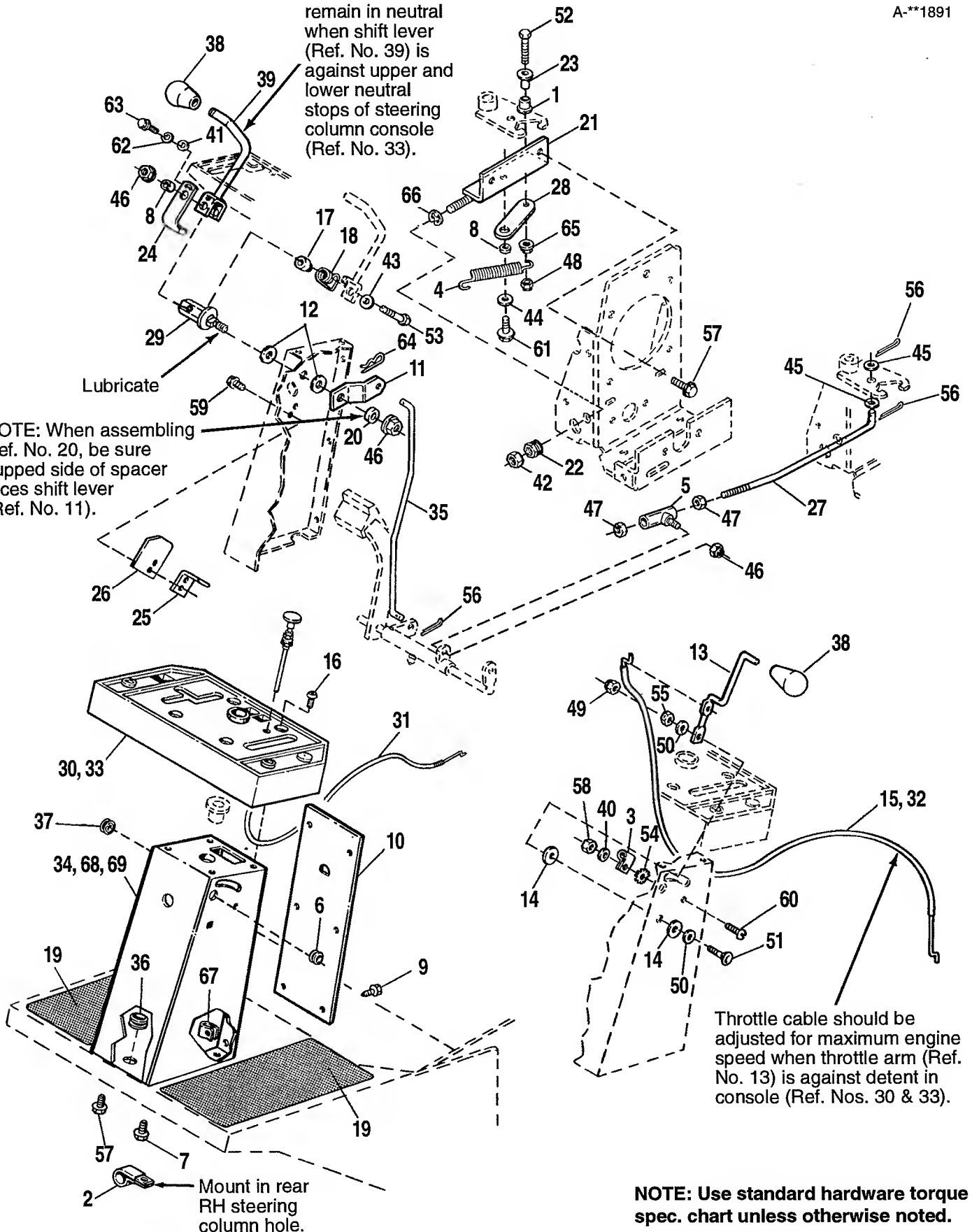
All Models**Seat & Deck**

Ref. No.	Part No.	Qty.	Description
1	932724	2	RING, Retaining
2	1666690	2	SPRING, Seat
3	1666691	2	COVER, Spring
4	1675044	4	RIVET, Seat Latch
5	1685624	2	LATCH, Seat, Pull Tight
6	1701559	2	HINGE, Upper, Seat
7	1701560	4	HINGE, Seat
8	1702158	1	MOLDING, Deck
9	1702722	2	SPRING, Latch
10	1703530	1	ROD, Seat Deck
11	1703533	1	LATCH, Seat
12	1705060	1	DECK, Seat, Orange
13	1713839	1	SEAT (Incl. Ref. No. 14)
14	1714482	1	COVER, Seat
15	1919326	12	WASHER, Flat, 5/16
16	1919439	2	NUT, Hex, ESNA, Lock, 3/8-16
17	1921319	1	WASHER, 1/4
18	1921332	8	CAPSCREW, 5/16-18 x 3/4
19	1921960	1	CAPSCREW, 1/4-20 x 1-1/4
20	1923358	2	NUT, Hex Centerlock, 1/4-20
21	1923701	2	CAPSCREW, 3/8-16 x 2
22	1924856	2	SCREW, Taptite, 5/16-18 x 1/2
23	1931277	8	NUT, Hex, Whizlock, 5/16-18
24	1960151	2	WASHER, 1/4 x 1-1/4
25	1960282	4	CARRIAGE BOLT, 5/16-18 x 3/4
26	41705060	1	DECK, Seat, Red
27	71705060	1	DECK, Seat, Green

Transmission MUST remain in neutral when shift lever (Ref. No. 39) is against upper and lower neutral stops of steering column console (Ref. No. 33).

NOTE: When assembling Ref. No. 20, be sure cupped side of spacer faces shift lever (Ref. No. 11).

Lubricate



All Models**Console & Controls**

Ref. No.	Part No.	Qty.	Description
1	118273	1	BUSHING, Nylon
2	122186	1	CLAMP
3	158475	1	CLIP
4	159159	1	SPRING, Extension
5	164094	1	ROD, Guide
6	172176	1	GROMMET
7	1664847	1	SCREW, Taptite, 5/16-18 x 3/4
8	1665889	2	SPACER
9	1676860	6	SCREW, Hex, 1/4-14 x 5/8
10	1678245	1	PANEL, Steering Column
11	1678283	1	LEVER, Shift
12	1678360	2	WASHER, Nylon, 33/64 x 1
13	1678362	1	THROTTLE ARM
14	1678366	2	WASHER, Nylon
15	1678371	1	CABLE, Throttle (12 HP)
16	1678419	4	SCREW, Taptite, 1/4-20 x 3/4
17	1678425	1	SPACER
18	1678429	1	SPRING, Torsion
19	1678437	2	MAT, Foot
20	1700880	1	SPACER
21	1701108	1	BRACKET ASSY., Control
22	1701111	1	NUT, Adjusting
23	1701159	1	BUSHING
24	1701274	1	NEUTRAL SWITCH ARM
25	1701275	1	BRACKET, Switch
26	1701328	1	FLIPPER SWITCH (Plastic)
27	1701782	1	ROD, Control
28	1701792	1	ARM, Control
29	1702002	1	PIVOT, Shift
30	1703185	1	CONSOLE, Steering Column (12.5 & 16 HP)
31	1703191	1	CABLE, (12.5 HP & 16 HP Only)
32	1703192	1	CABLE, Throttle (12.5 & 16 HP)
33	1703294	1	CONSOLE, Steering Column (12 HP)
34	1703355	1	STEERING COLUMN ASSY., Orange
35	1703810	1	ROD, Control, Vertical
36	1704862	1	GROMMET
37	1705004	1	GROMMET
38	1713844	2	KNOB, Control
39	1714075	1	ROD ASSY., Shift
40	1910531	1	WASHER #10

Ref. Nos. 41 - 69 are on the following page.

Transmission MUST remain in neutral when shift lever (Ref. No. 39) is against upper and lower neutral stops of steering column console (Ref. No. 33).

NOTE: When assembling Ref. No. 20, be sure cupped side of spacer faces shift lever (Ref. No. 11).

Lubricate

Mount in rear RH steering column hole.

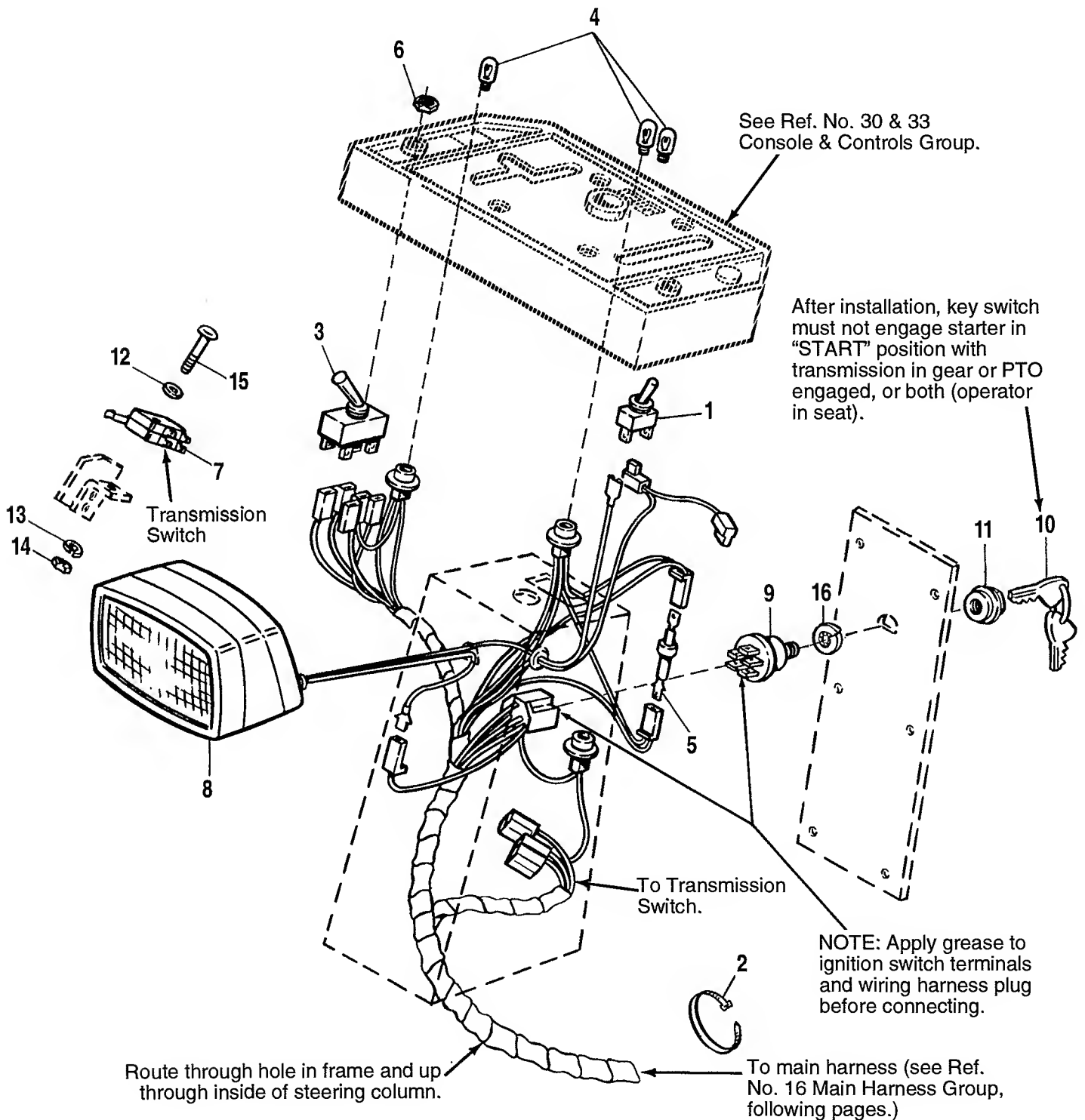
Throttle cable should be adjusted for maximum engine speed when throttle arm (Ref. No. 13) is against detent in console (Ref. Nos. 30 & 33).

NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Console & Controls Group**

Ref. No.	Part No.	Qty.	Description
41	1917458	1	WASHER, Plain, #5
42	1918403	1	NUT, Hex, Jam, 3/8-24
43	1919326	1	WASHER, 5/16
44	1919326	1	WASHER, Plain
45	1919326	2	WASHER, Plain, 5/16
46	1919438	3	NUT, Hex, ESNA Lock, 5/16-18
47	1920263	2	NUT, Hex, 5/16-24
48	1920397	1	NUT, Hex, ESNA Lock, 1/4-20
49	1920397	1	NUT, Hex, ESNA Lock, 1/4-20
50	1921319	2	WASHER, Flat, 1/4
51	1921960	1	CAPSCREW, Hex, 1/4-20 x 1
52	1921962	1	CAPSCREW, Hex, 1/4-20 x 1-3/4
53	1921978	1	CAPSCREW, Hex, 5/16-18 x 2
54	1922711	1	LOCKWASHER, Ext. Tooth, #10
55	1923358	1	NUT, Hex, 1/4-20
56	1923360	3	PIN, Cotter
57	1924856	5	SCREW, Taptite, 5/16-18 x 1/2
58	1928919	1	NUT, #10-32
59	1930416	2	SCREW, Taptite, #10-32 x 3/8
60	1930531	2	SCREW, Rd. Hd., #10-32 x 1/2
61	1930601	1	SCREW, Taptite, 5/16-18 x 5/8
62	1930947	1	LOCKWASHER
63	1935944	1	SCREW, Taptite, #5-40 x 3/4
64	1960221	1	PIN, Quick
65	1960294	1	NUT, Hex, Whizlock, 1/4-20
66	1960325	1	E-RING
67	1960523	6	SPEED NUT, "U" Type #14
68	41703355	1	STEERING COLUMN ASSY., Red
69	71703355	1	STEERING COLUMN ASSY., Green

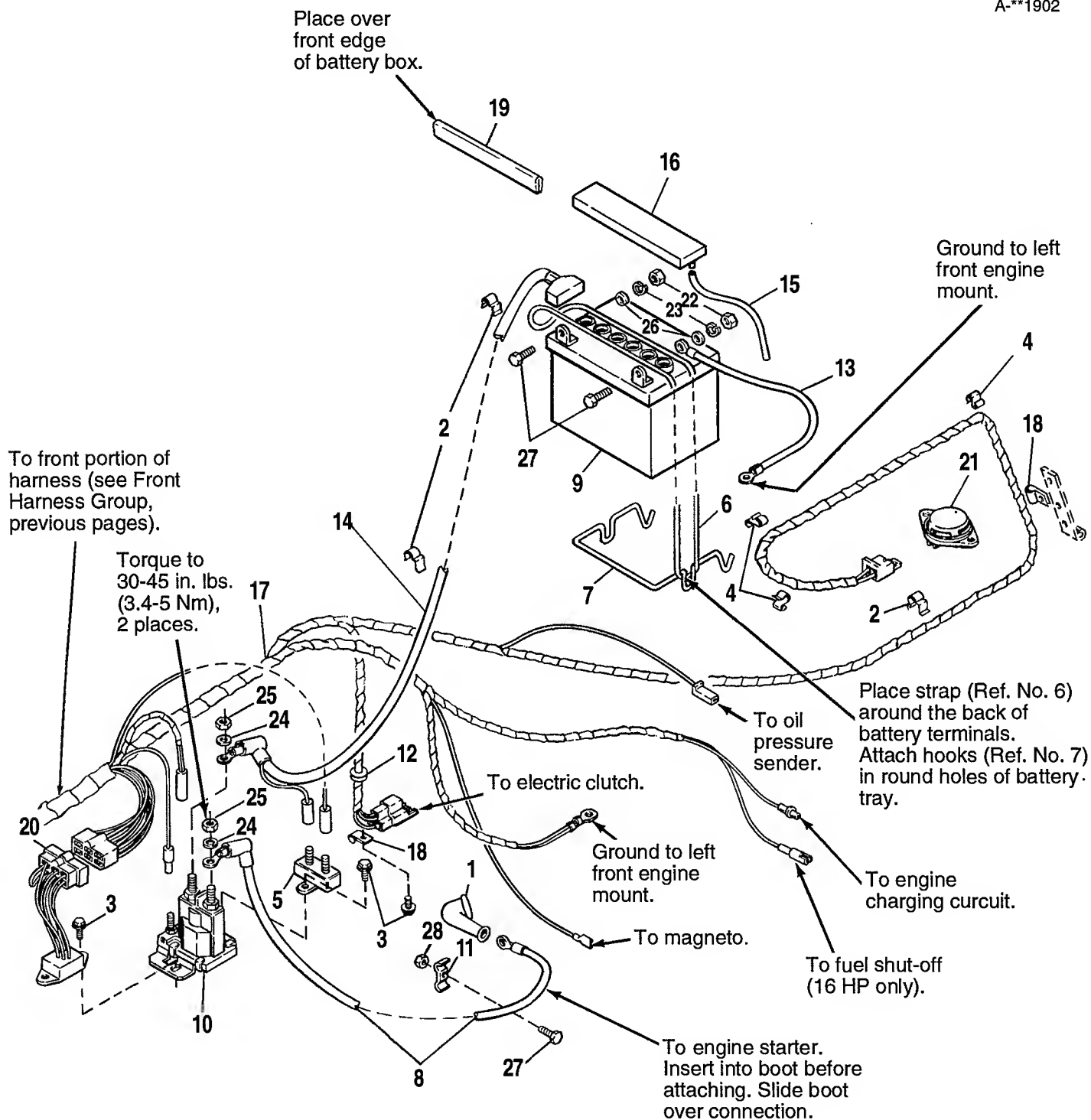
Ref. Nos. 1 - 40 are shown on preceding page.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models**Electrical - Front Harness**

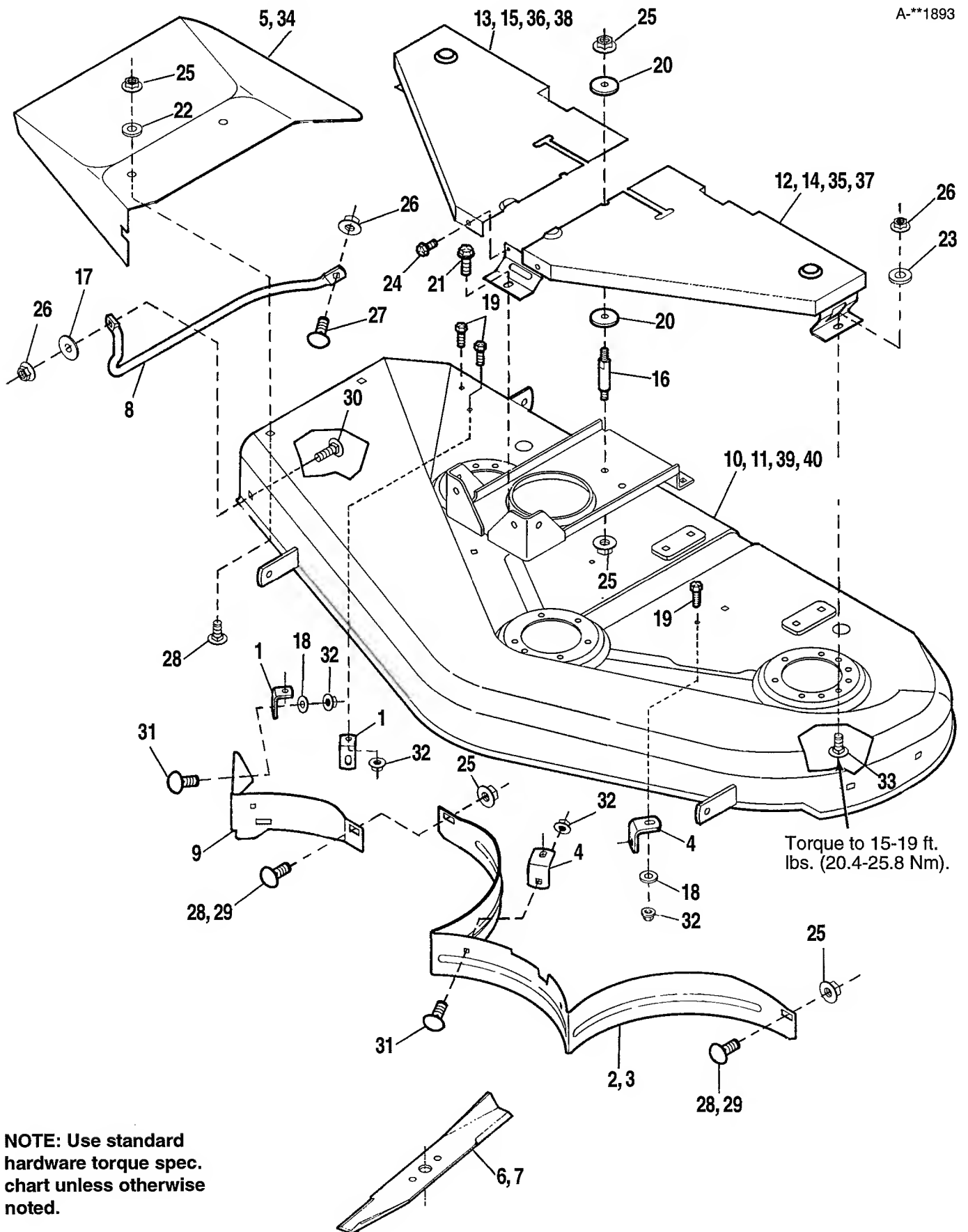
Ref. No.	Part No.	Qty.	Description
1	122184	1	SWITCH, Toggle
2	932747	2	TIE, Cable
3	1675800	1	SWITCH ASSY. P.T.O. (Incl. Ref. No. 6)
4	1676130	2	LAMP, Indicator (Qty. 3 on 12.5 HP & 16 HP)
5	1677484	1	DIODE
6	1677663	1	NUT, Special
7	1679932	2	MICRO SWITCH, Tandem
8	1679954	1	HEADLIGHT ASSY.
9	1686637	1	IGNITION SWITCH ASSY. (Incl. Ref. Nos. 10 & 11)
10	1714054	1	KEY
11	1714055	1	NUT, Adapter
12	1917458	2	WASHER, #6
13	1930947	2	LOCKWASHER, #5
14	1931003	2	NUT, Hex, #5-40
15	1960014	2	SCREW, Round Hd., #5-40 x 1-1/2
16	1960547	1	LOCKWASHER, Internal Tooth, 5/8



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

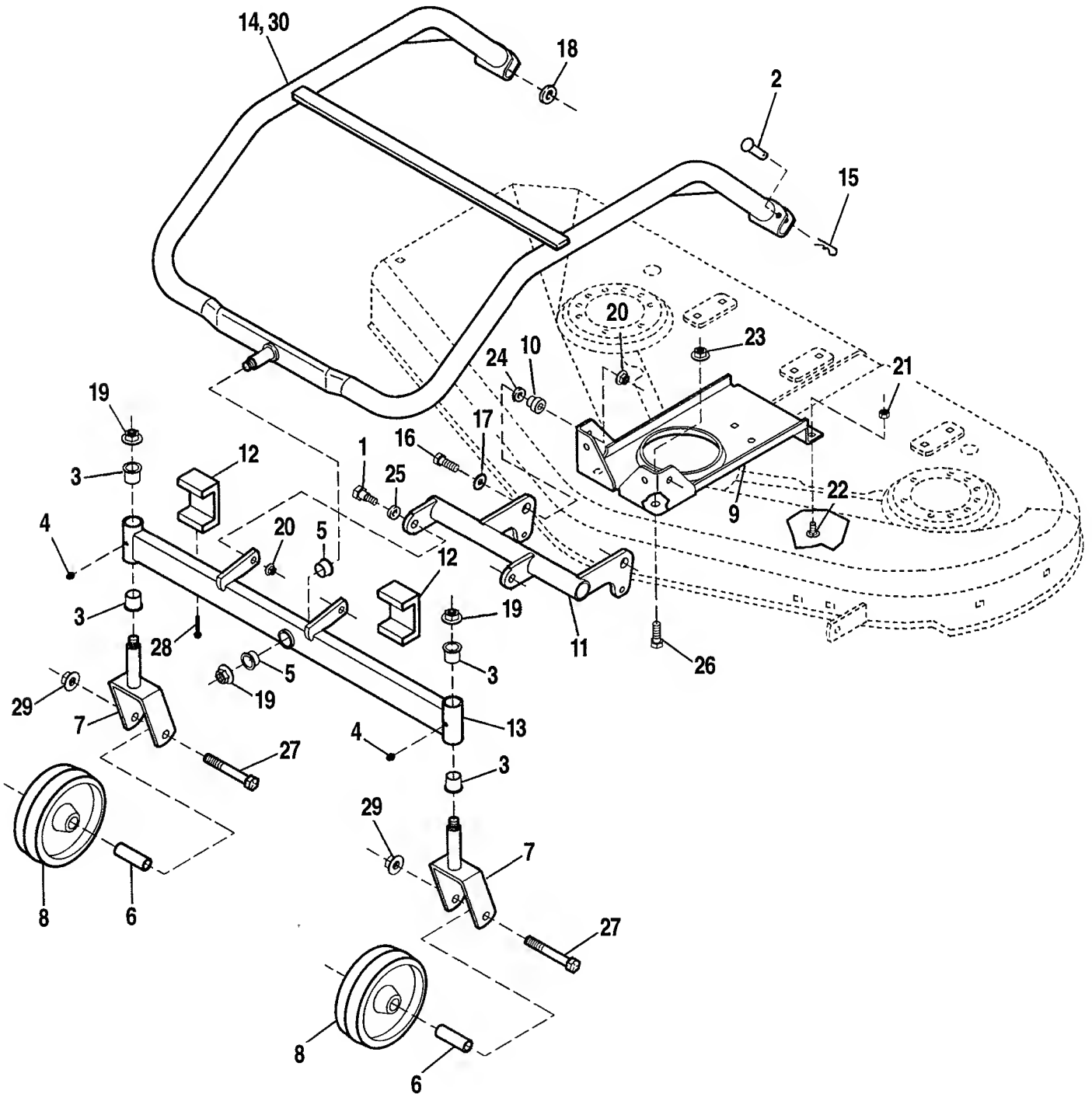
All Models**Electrical - Main Harness**

Ref. No.	Part No.	Qty.	Description
1	122023	1	COVER, Terminal
2	172436	3	CLIP, Wire
3	925592	3	SCREW, Taptite, 1/4-20 x 3/4
4	930222	3	CLIP, Wire
5	1665238	1	CIRCUIT BREAKER
6	1665872	1	STRAP, Battery
7	1667805	1	BRACE, Battery Hold Down
8	1668819	1	CABLE ASSY., Starter
9	1685215	1	BATTERY, 12 Volt
10	1685290	1	SOLENOID
11	1701700	2	CLAMP
12	1703473	1	GROMMET
13	1703589	1	CABLE ASSY. (Battery to Ground)
14	1703851	1	CABLE ASSY. (Battery Positive)
15	1704389	1	HOSE, Drain, Battery
16	1704581	1	VENT CAP, Battery
17	1707756	1	WIRING HARNESS
18	1708008	3	CLAMP, Wire
19	1708247	1	MOLDING
20	1713642	1	MODULE, DSI, Interlock
21	1714320	1	SWITCH, Seat
22	1916622	2	NUT, Hex, 1/4-20
23	1916964	2	LOCKWASHER, 1/4
24	1917356	2	LOCKWASHER, 5/16
25	1920263	2	NUT, Hex, 5/16-24
26	1921319	2	WASHER, 1/4
27	1923341	4	CAPSCREW, Hex, 1/4-20 x 3/4
28	1960294	2	NUT, Hex, Whizlock, 1/4-20



42" & 48" Mower - Housing & Cover

Ref. No.	Part No.	Qty.	Description
1	108186	2	CLIP, Baffle
2	1608135	1	BAFFLE, 42"
3	1608327	1	BAFFLE, 48"
4	1608331	2	CLIP, Baffle
5	1656049	1	DEFLECTOR, Orange
6	1656146	3	BLADE, 48"
7	1656147	3	BLADE, 42"
8	1665562	1	GUARD, Mower Discharge
9	1665709	1	BAFFLE, Discharge
10	1685397	1	HOUSING ASSY., 42", Orange
11	1685398	1	HOUSING ASSY., 48", Orange
12	1702191	1	COVER ASSY., Belt, LH, 48", Orange
13	1702192	1	COVER ASSY., Belt, RH, 48", Orange
14	1703127	1	COVER ASSY., Belt, LH, 42", Orange
15	1703159	1	COVER ASSY., Belt, RH, 42", Orange
16	1703391	1	STUD, Double Hex
17	1919381	1	WASHER, 5/16
18	1921319	4	WASHER, 1/4
19	1921959	4	CAPSCREW, Hex, 1/4-20 x 5/8
20	1924356	2	WASHER, 3/8
21	1924856	1	SCREW, Taptite, 5/16 x 1/2
22	1924940	2	WASHER, 3/8
23	1925125	2	WASHER, 3/8
24	1927428	1	SCREW, Taptite, 1/4-20 x 3/8
25	1931211	6	NUT, Hex, Whizlock, 3/8-16
26	1931277	4	NUT, Hex, Whizlock, 5/16-18
27	1931333	1	CARRIAGE BOLT, 5/16-18 x 3/4
28	1931348	4	CARRIAGE BOLT, 3/8-16 x 3/4 (Qty. 2 on 48")
29	1931350	2	CARRIAGE BOLT, 3/8-16 x 1, (48" deck only)
30	1960223	1	CARRIAGE BOLT, 5/16 x 1-1/4
31	1960252	4	CARRIAGE BOLT, 1/4-20 x 5/8
32	1960294	8	NUT, Hex, Whizlock, 1/4-20
33	1960373	2	SCREW, Taptite, 5/16-18 x 1
34	61656049	1	DEFLECTOR, Black
35	61702191	1	COVER ASSY., Belt, LH 48", Black
36	61702192	1	COVER ASSY., Belt, RH, 48", Black
37	61703127	1	COVER ASSY., Belt, LH 42", Black
38	61703159	1	COVER ASSY., Belt, RH, 42", Black
39	61685397	1	HOUSING ASSY., 42", Black
40	61685398	1	HOUSING ASSY., 48", Black

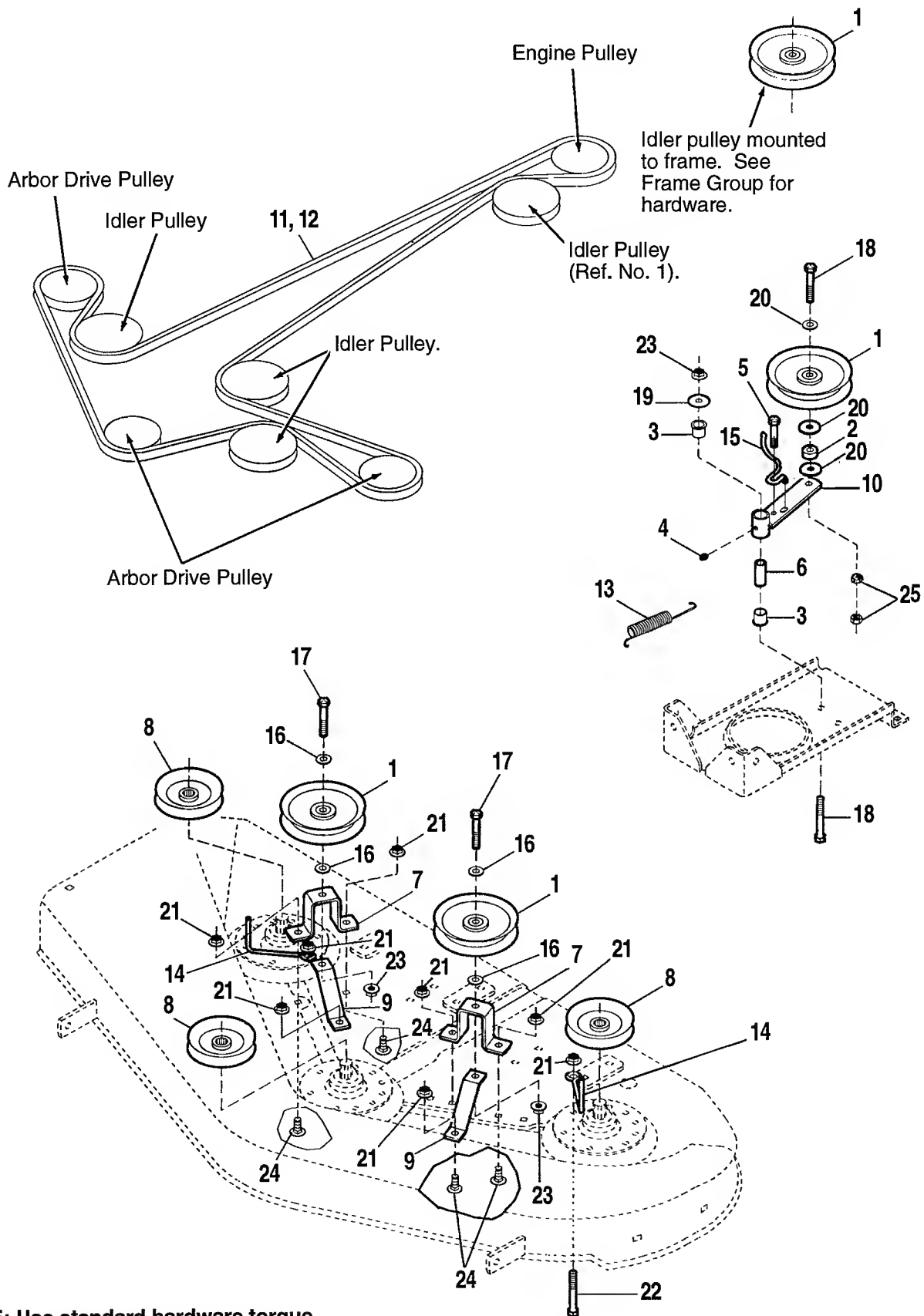


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Support

Ref. No.	Part No.	Qty.	Description
1	172622	2	BOLT, Shoulder, 3/8-16 x 1-11/32
2	174215	2	PIN, Hitch
3	176440	4	BUSHING
4	921133	2	FITTING, Grease, 1/4
5	1671737	2	BUSHING
6	1678304	2	SPACER
7	1685389	2	YOKE ASSY.
8	1702483	2	WHEEL
9	1703028	1	SUPPORT ASSY.
10	1703115	2	SPACER
11	1703724	1	ROCKER ARM ASSY.
12	1703763	2	BEARING, Block
13	1704458	1	AXLE ASSY., Mower (Incl. Ref. Nos. 12 & 28)
14	1705039	1	MOWER ARM ASSY., 42", Orange
15	1918196	2	PIN, Hair Pin
16	1921969	2	CAPSCREW, Hex, 3/8-16 x 1-1/2
17	1922755	2	WASHER, 3/8
18	1924366	2	WASHER, Plain
19	1930644	3	NUT, Centerlock, 1/2-13
20	1931211	4	NUT, Hex, Whizlock, 3/8-16
21	1931277	2	NUT, Hex, Whizlock, 5/16-18
22	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
23	1935041	2	NUT, Whizlock, 7/16-14
24	1960020	2	WASHER, Plain
25	1960027	2	WASHER, Plain
26	1960043	2	CAPSCREW, Whizlock, 7/16-14 x 1
27	1960286	2	CAPSCREW, Hex, 1/2-13 x 3-1/2
28	1960365	2	SCREW, Self-Tapping
29	1960379	2	NUT, ESNA, Lock, 1/2-13 (Thin)
30	61705039	1	MOWER ARM ASSY., Black

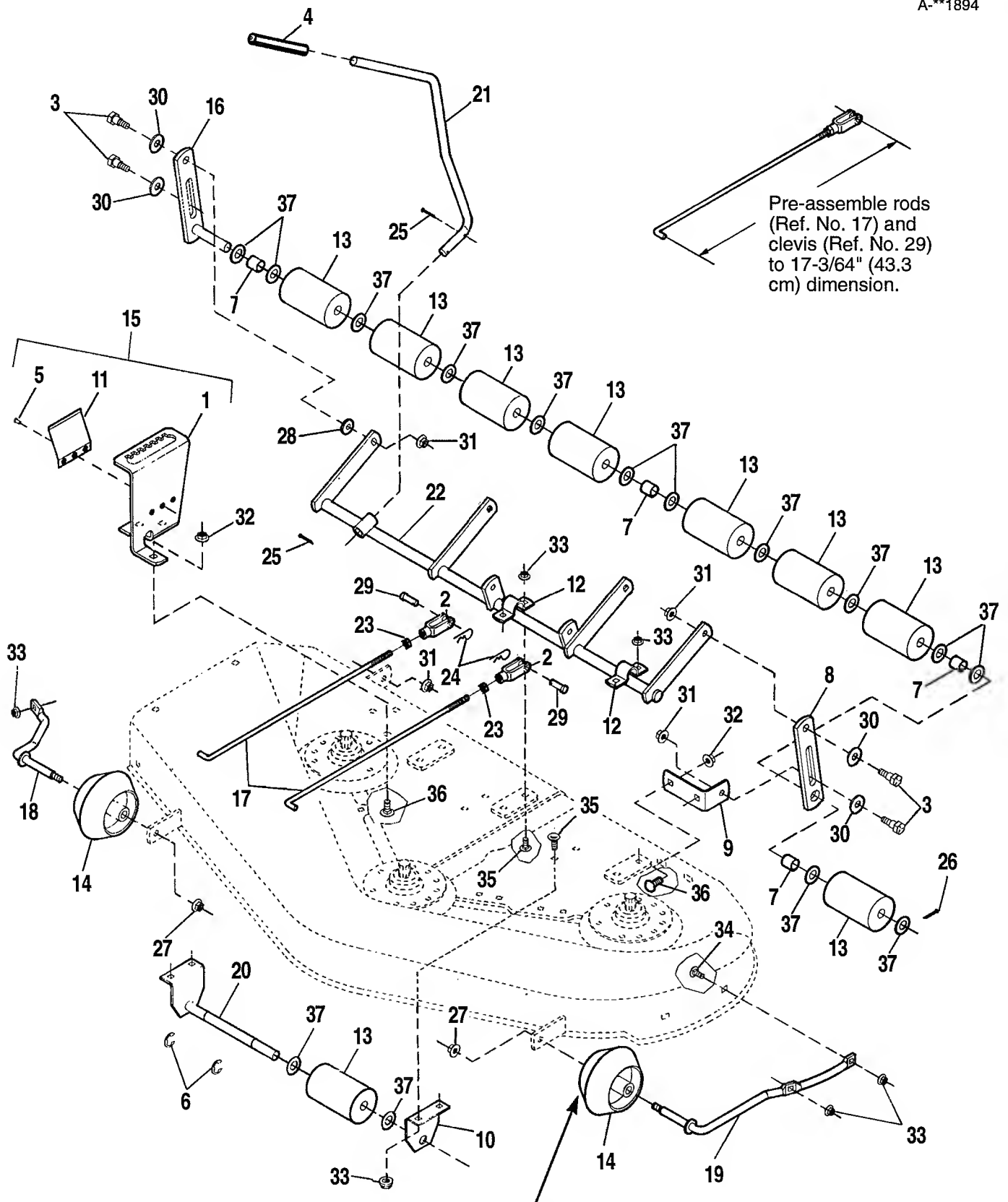


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Drive

Ref. No.	Part No.	Qty.	Description
1	171247	4	PULLEY ASSY.
2	174870	1	SPACER
3	176444	2	BUSHING
4	921133	1	FITTING, Grease
5	1664847	1	SCREW, Taptite, 5/16-18 X 3/4
6	1669105	1	SPACER
7	1678240	2	SUPPORT, Idler
8	1678271	3	PULLEY ASSY., Arbor
9	1678412	2	BRACE
10	1703122	1	ARM ASSY., Clutch
11	1703371	1	BELT, Drive, 42"
12	1703372	1	BELT, Drive, 48"
13	1703801	1	SPRING
14	1704729	2	STOP, Belt
15	1704730	1	STOP, Belt
16	1919326	4	WASHER, 3/8
17	1921971	2	CAPSCREW, Hex, 3/8-16 x 1-3/4
18	1922130	2	CAPSCREW, 3/8-16 X 2-1/4
19	1922611	1	WASHER, 3/8
20	1924940	3	WASHER, 5/16
21	1927557	8	NUT, Flange, Whizlock, 5/16-18
22	1931202	2	CAPSCREW, Taptite, 5/16-18 x 1-1/4
23	1931211	3	NUT, Hex, Whizlock, 3/8-16
24	1931333	6	CARRIAGE BOLT, 5/16-18 x 3/4
25	1960251	2	NUT, Jam Lock, 3/8-16



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

NOTE: Long end of hub mounts to bracket (both wheels).

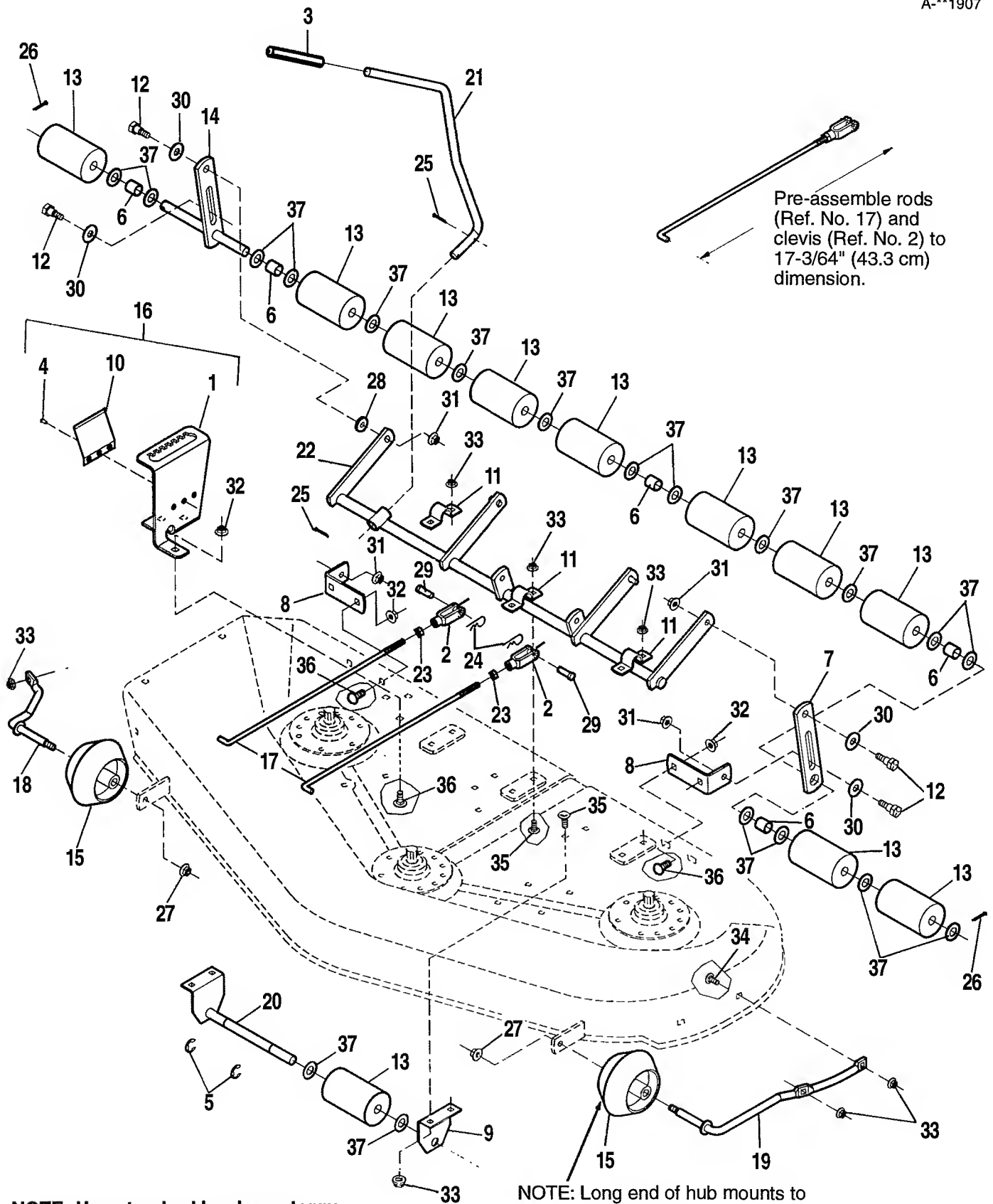
Mfg. Nos. 1691662, 1691665, 1692119

42" Mower - Height Adjusting & Roller

Ref. No.	Part No.	Qty.	Description
1		1	QUADRANT (See Ref. No. 15)
2	108157	2	CLEVIS, Adjusting
3	172622	4	BOLT, Shoulder, 3/8-16
4	176933	1	GRIP
5	910542	3	RIVET
6	927793	2	RING, Retaining
7	1602946	4	SPACER
8	1603263	1	BAR, Roller
9	1603264	1	BRACKET, Roller Support
10	1603269	1	BRACKET
11	1663222	1	SPRING
12	1665374	2	STRAP
13	1668513	9	ROLLER
14	1700184	2	WHEEL
15	1703034	1	QUADRANT ASSY. (Incl. Ref. Nos. 1, 5 & 11)
16	1703040	1	SHAFT ASSY, Roller
17	1703149	2	ROD, Adjusting
18	1703204	1	ROD ASSY., Roller, RH
19	1703206	1	ROD ASSY., Roller, LH
20	1703480	1	SHAFT ASSY.
21	1703532	1	LEVER, Control
22	1704870	1	ARM ASSY, Mower
23	1916950	2	NUT, Hex, 3/8-16
24	1918196	2	PIN, Quick
25	1918452	2	PIN, Cotter
26	1918458	1	PIN, Cotter
27	1919439	2	NUT, Hex, ESNA, Lock 3/8-16
28	1922755	1	WASHER, 3/8
29	1923087	2	PIN, Clevis
30	1924361	4	WASHER, 1/2
31	1928352	4	NUT, Whizlock, 3/8-16
32	1931211	5	NUT, Hex, Whizlock, 3/8-16
33	1931277	11	NUT, Hex, Whizlock, 5/16-18
34	1931332	2	CARRIAGE BOLT, 5/16-18 x 5/8
35	1931333	8	CARRIAGE BOLT, 5/16-18 x 3/4
36	1931348	5	CARRIAGE BOLT, 3/8-16 x 3/4
37	1960020	15	WASHER, 5/8

48" Mower - Height Adjusting & Roller

A-**1907



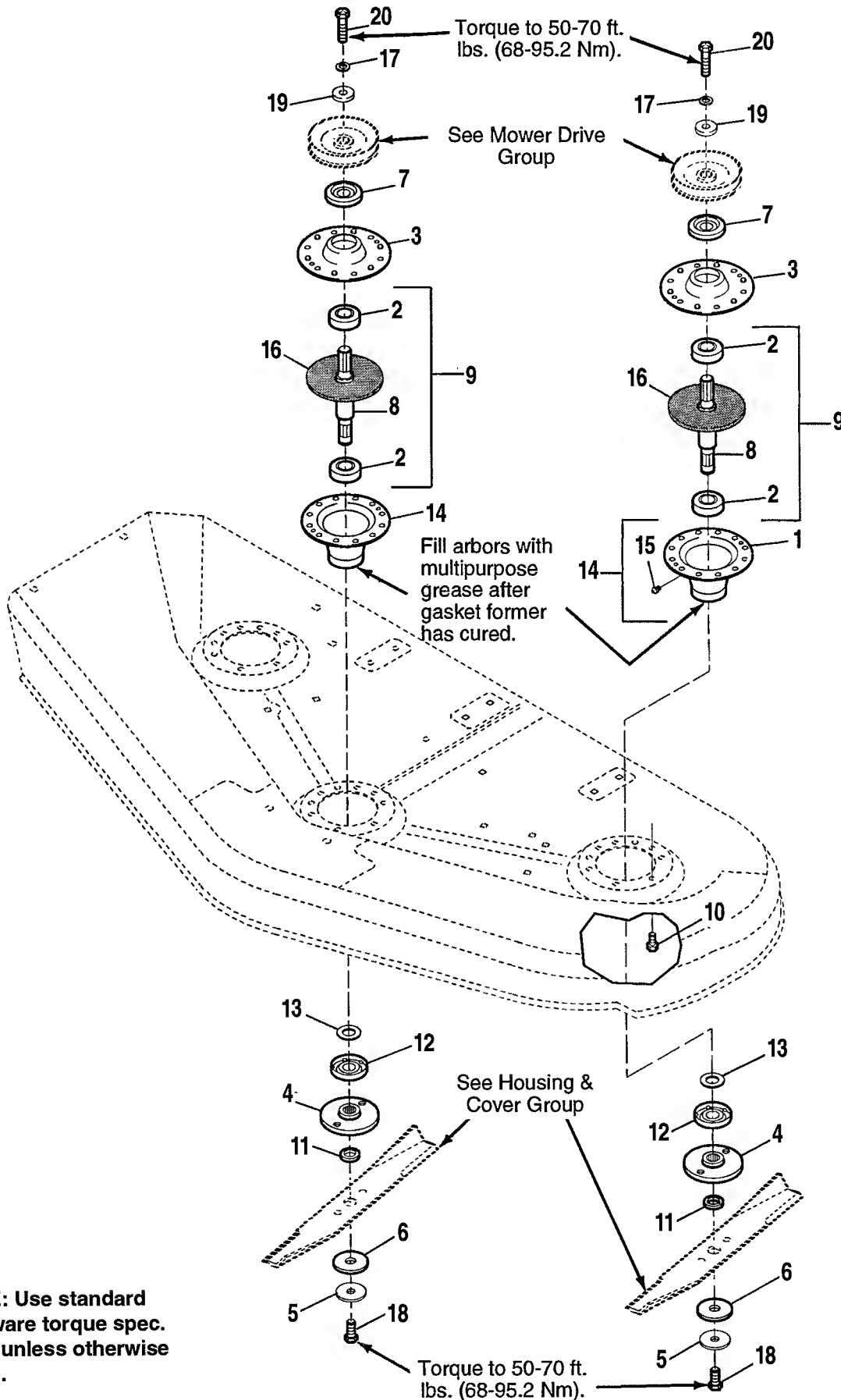
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

NOTE: Long end of hub mounts to bracket (both wheels).

Mfg. No. 1691663, 1691666, 1692120

48" Mower - Height Adjusting & Roller

Ref. No.	Part No.	Qty.	Description
1		1	QUADRANT (See Ref. No. 16)
2	108157	2	CLEVIS, Adjusting
3	176933	1	GRIP
4	910542	3	RIVET
5	927793	2	RETAINING RING
6	1602946	5	SPACER
7	1603263	1	BAR, Roller
8	1603264	2	BRACKET, Roller Support
9	1603269	1	BRACKET
10	1663222	1	SPRING
11	1665374	3	STRAP
12	1665693	4	BOLT, Shoulder, 3/8-16
13	1668513	11	ROLLER
14	1668716	1	SHAFT ASSY., Roller
15	1700184	2	WHEEL
16	1703034	1	QUADRANT ASSY, (Incl. Ref. Nos. 1, 4 & 10)
17	1703149	2	ROD, Adjusting
18	1703204	1	ROD ASSY, Roller, RH
19	1703206	1	ROD ASSY, Roller, LH
20	1703480	1	SHAFT ASSY.
21	1703532	1	LEVER, Control
22	1704870	1	ARM ASSY, Mower
23	1916950	2	NUT, Hex, 3/8-16
24	1918196	2	PIN, Quick
25	1918452	2	PIN, Cotter, 1/8 x 1
26	1918458	2	PIN, Cotter
27	1919439	2	NUT, Hex, ESNA, Lock, 3/8-16
28	1922755	1	WASHER, 3/8
29	1923087	2	PIN, Clevis
30	1924361	4	WASHER, 1/2
31	1928352	4	NUT, Whizlock, 3/8-16
32	1931211	6	NUT, Hex, Whizlock, 3/8-16
33	1931277	13	NUT, Hex, Whizlock, 5/16-18
34	1931332	2	CARRIAGE BOLT, 5/16-18 x 5/8
35	1931333	10	CARRIAGE BOLT, 5/16-18 x 3/4
36	1931348	6	CARRIAGE BOLT, 3/8-16 x 3/4
37	1960020	19	WASHER, 5/8

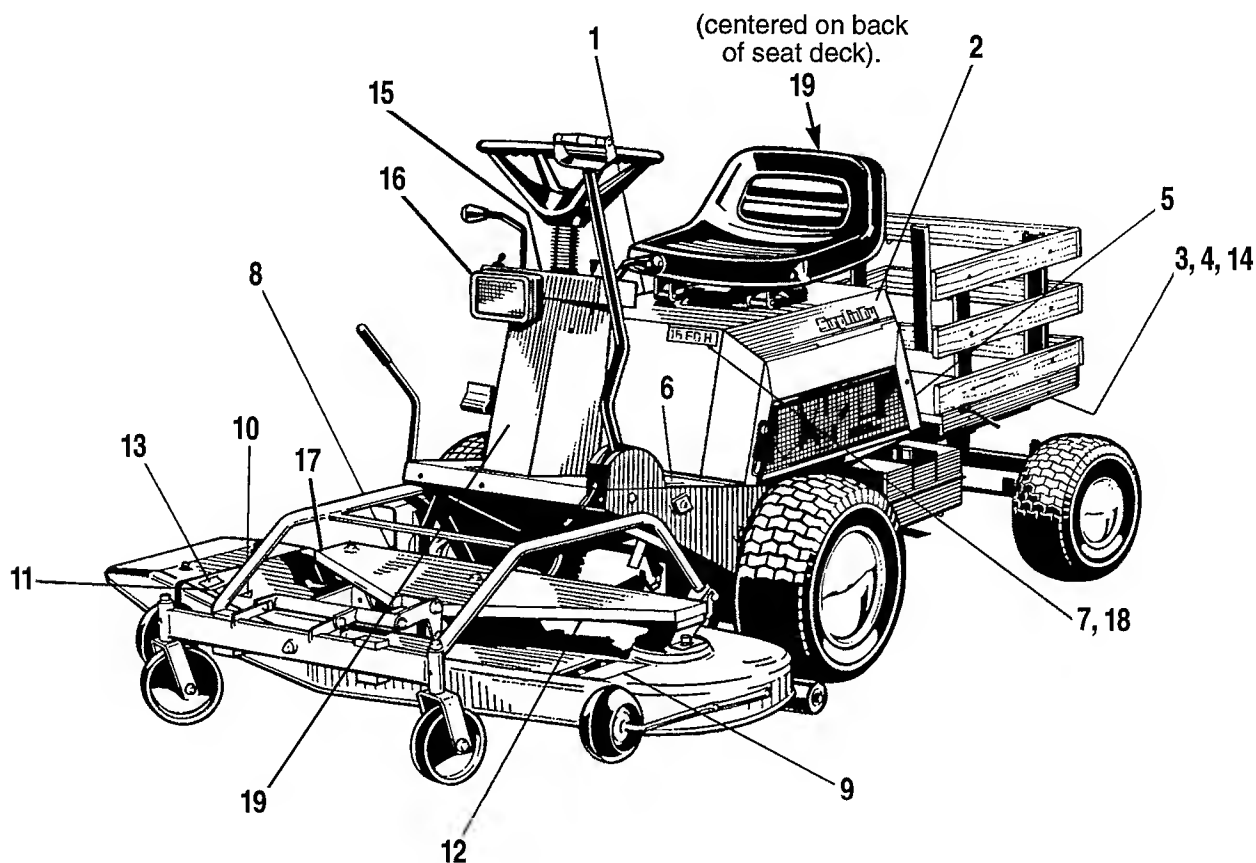


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

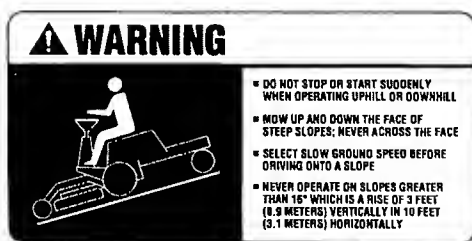
Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Arbors

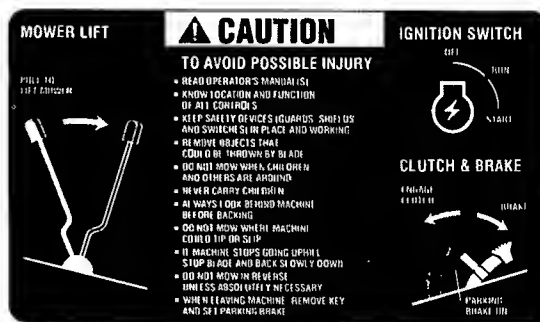
Ref. No.	Part No.	Qty.	Description
1		3	HOUSING, Bottom (See Ref. No. 14)
2	108202	6	BEARING ASSY.
3	1655729	3	HOUSING, Top
4	1655777	3	ADAPTOR, Blade
5	1656916	3	WASHER, Spring
6	1656927	3	WASHER, Spine
7	1657979	3	SHIELD, Bearing, Upper
8	1685245	3	SHAFT, Arbor
9	1685251	3	SHAFT & BEARING ASSY. (Incl. Ref. Nos. 2 & 8)
10	1664847	14	SCREW, Taptite, 5/16-18 x 3/4
11	1672132	3	COLLAR, Mower Arbor
12	1700229	3	SHIELD, Grass
13	1700230	3	WASHER, Shim
14	1703273	3	HOUSING ASSY., Arbor Bottom (Incl. Ref. Nos. 1-15)
15	1704314	3	FITTING, Grease
16	1707335	3	GASKET, Foam
17	1918199	3	LOCKWASHER, 7/16
18	1923431	3	CAPSCREW, Hex, 7/16-14 x 1
19	1933263	3	WASHER, 7/16
20	1936723	3	CAPSCREW, Hex, 7/16-14 x 1-3/4



SAFETY DECALS



Ref. No. 4



Ref. No. 6



Ref. No. 9



Ref. No. 11

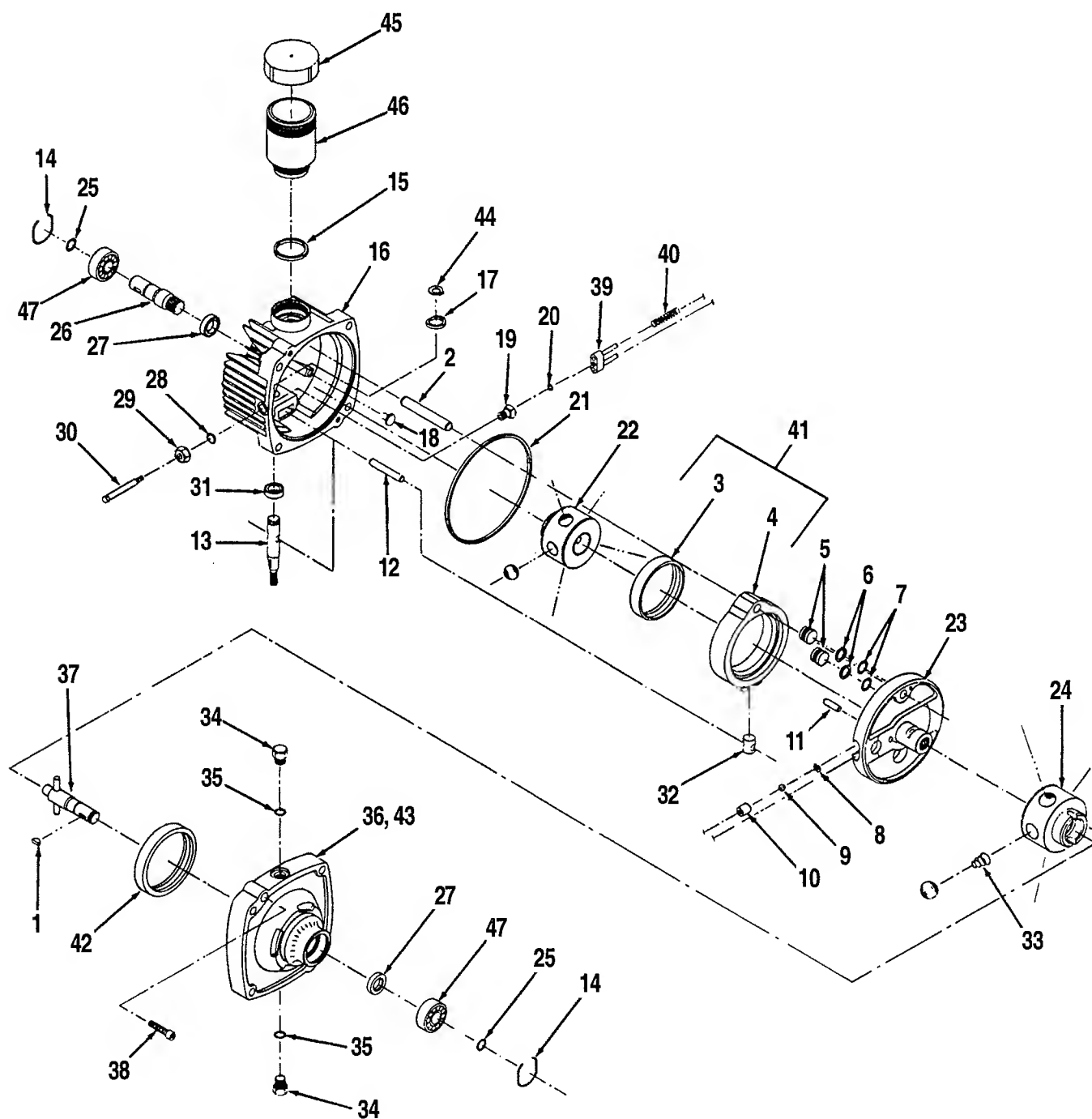
NO RIDERS

Not Shown

All Models

Decals

Ref. No.	Part No.	Qty.	Description
1	1708624	1	DECAL, Side, LH, 16 (Simplicity)
1	1708627	1	DECAL, Side, LH, 12.5 (Simplicity)
1	1708838	1	DECAL, Side, LH, 16 (AGCO)
1	1708843	1	DECAL, Side, LH, 12.5 (AGCO)
1	1713987	1	DECAL, Side, LH, 16 (Export)
1	1714421	1	DECAL, Side, LH, 16 (Massey Ferguson)
2	1708625	1	DECAL, Side, RH, 16 (Simplicity)
2	1708626	1	DECAL, Side, RH, 12.5 (Simplicity)
2	1708839	1	DECAL, Side, RH, 16 (AGCO)
2	1708844	1	DECAL, Side, RH, 12.5 (AGCO)
2	1713986	1	DECAL, Side, RH, 16 (Export)
2	1714420	1	DECAL, Side, RH, 16 (Massey Ferguson)
3	1709063	1	DECAL, Drive Belts
4	1704480	1	DECAL, Stability
5		1	TRACTOR I.D. PLATE (Not Serviced)
6	1708286	1	DECAL, Caution & Controls
7	1704187	1	DECAL, 12 FCH
8		1	MOWER I.D. PLATE (Not serviced)
9	1704276	1	DECAL, Danger
10		1	DECAL, OPEI (Not serviced)
11	1704277	1	DECAL, Danger
12	1709070	1	DECAL, Belt Layout (Under cover)
13	1704383	1	DECAL, 42"
13	1704384	1	DECAL, 48"
14	1709061	1	DECAL, Paint
15	1703995	1	DECAL, Instrument Panel
16	1703996	1	DECAL, Oil Pressure (12.5 HP & 16 HP)
17	1656855	1	DECAL, Mower Height
18	1713972	2	DECAL, Hydro 16 V-Twin (Export)
19	1714363	2	DECAL, Massey Ferguson
	Not Shown		
*	1677235	1	DECAL, Deutz-Allis (Located on back of seat)
*	1700805	1	DECAL, "No Riders" (Located on rear, upper right hand corner of seat deck.)
*	1704337	1	DECAL, Model Number, 16 (Deutz only)
*	1704807	1	DECAL, Oil Light (12 HP)
*	1707282	1	DECAL, (Deutz only, located front of seat deck)



All Models

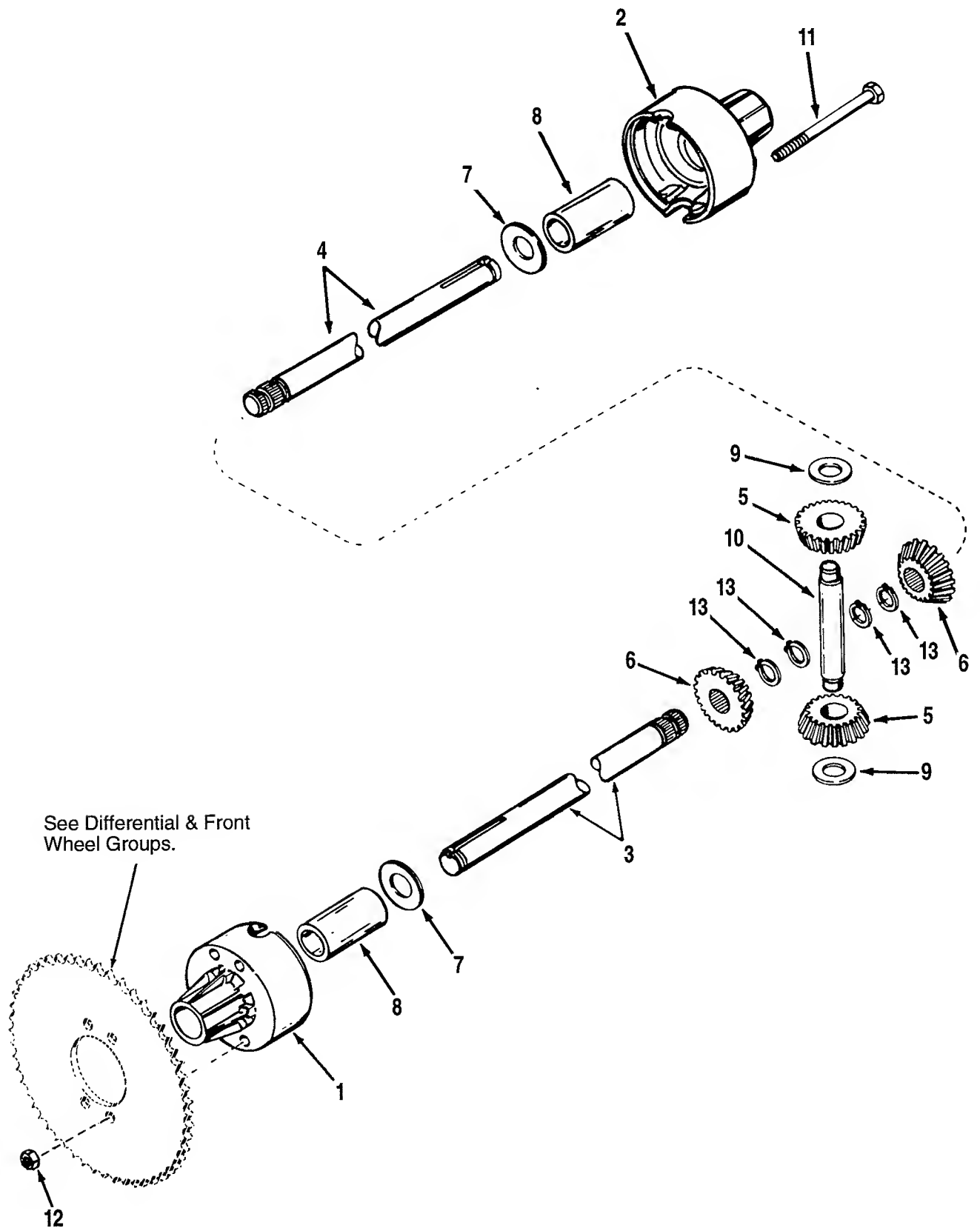
Hydro Pump Service Parts

Ref. No.	Part No.	Qty.	Description
1		1	KEY, Woodruff (See Page 16, Ref. No. 3)
2	*	1	DOWEL, Pivot Pin (Incl. in Ref. No. 16)
3	*	1	PUMP RACE (Incl. in Ref. No. 41)
4	*	1	RING, Cam (Incl. in Ref. No. 41)
5	*	2	PISTON (Incl. in Ref. No. 23)
6	*	2	RING, Back-Up (Incl. in Ref. No. 23)
7	*	2	O-RING (Included in Ref. No. 23)
8	*	2	RING, Retaining (Incl. in Ref. No. 23)
9	*	2	BALL, Grade 200, 5/16 Dia. (Incl. in Ref. No. 23)
10	*	2	VALVE BODY, Check (Incl. in Ref. No. 23)
11	*	1	PIN, Coil (5/16 x 3/4) (Incl. in Ref. No. 23)
12	*	1	DOWEL (3/8 x 1-3/4) (Incl. in Ref. No. 16)
13	*	1	SHAFT, Control (Incl. in Ref. No. 16)
14	927695	2	RING, Retaining
15	1671282**	1	SEAL RING, Square Cut
16	1671283	1	COVER, Service Kit (Incl. Ref. Nos. 12, 13, 17, 27, 31 & 44)
17	1671284	1	WASHER, Control Shaft
18	1671285	1	BUTTON
19	1671286	1	FITTING GUIDE, O-Ring, S.A.
20	1671287**	1	O-RING
21	1671288**	1	SEAL RING, Square Cut
22	1671289	1	PUMP ROTOR, Ball, Sub-Assy.
23	1671290	1	PINTLE, Sub-Assy. (Incl. Ref. Nos. 5, 6, 7, 8, 9, 10 & 11)
24	1671291	1	MOTOR ROTOR, Ball, Sub-Assy. (Incl. Qty. 5 of Ref. No. 33)
25	1671293	2	RING, Snap
26	1671295	1	SHAFT, Input
27	1671296**	2	SEAL, Oil
28	1671297**	1	O-RING
29	1671298	1	NUT, Gasket, Sub-Assy.
30	1671299	1	SHAFT, Dump Valve
31	1671300	1	SEAL, Oil
32	1671301	1	CAM RING, Insert
33	1671302	5	SPRING, Piston
34	1671303	2	O-RING, Sub Assy.
35	1671304**	2	TUBE FITTING, O-Ring
36	1671305	1	BODY
37	1671309	1	OUTPUT SHAFT, Sub-Assy.
38	1671310	2	CAPSCREW, Socket Hd.
39	1671586	1	BRACKET, Pins, Sub-Assy.
40	1671587	2	SPRING, Valve
41	1671588	1	CAM RING, Sub-Assy. (Incl. Ref. Nos. 3 & 4)
42	1671589	1	MOTOR RACE
43	1671590	1	BODY, Sub-Assy. (Incl. Ref. Nos. 14, 25, 27, 36, 37, 42 & 47)
44	1671591	1	RING, External Retaining
45	1700049	1	RESERVOIR COVER, Sub-Assy.
46	1700050	1	RESERVOIR BODY, Sub-Assy. (Incl. Ref. Nos. 3 & 4)
47	1705897	2	BEARING, Ball (Input)

* Not serviced separately.

** Available in Replacement Seal Kit, part no. 1685260.

NOTE: Use Simplicity Multi-Purpose Hydraulic/Transmission Oil in hydro transmission.



All Models

Differential Service Parts - Peerless Model 100-080

Ref. No.	Part No.	Qty.	Description
1	774344	1	HOUSING, Differential Carrier (Incl. Ref. No. 8)
2	774345	1	HOUSING, Differential Carrier (Incl. Ref. No. 8)
3	774979	1	AXLE, 20-3/16" Long
4	774980	1	AXLE, 8-1/32" Long
5	778068	2	GEAR, Pinion, 16 Tooth
6	778221	2	GEAR, Bevel, 16 Tooth
7	780001	2	WASHER
8	780077	2	BUSHING
9	780096	2	WASHER, Thrust
10	786040	1	PIN, Drive
11	792041	4	SCREW, Hex, Flanged Hd., 5/16-18 x 3-15/16
12	792042	4	NUT, Lock, 5/16-18
13	792125	4	RING, Snap (Pkg. of 2)

NOTE: See your local Tecumseh/Peerless distributor for service parts. Service, warranty and parts for Peerless products are not available through Simplicity.

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**TORQUE SPECIFICATIONS FOR
STANDARD MACHINE HARDWARE
(Tolerance $\pm 20\%$)**

SIZE	SAE GRADE #2 	SAE GRADE #5 	SAE GRADE #8 
	<u>in/lbs</u> ft/lbs Nm.	<u>in/lbs</u> ft/lbs Nm.	<u>in/lbs</u> ft/lbs Nm.
8-32	19 2.1	30 3.4	41 4.6
8-36	20 2.3	31 3.5	43 4.9
10-24	27 3.1	43 4.9	60 6.8
10-32	31 3.5	<u>49</u> 5.5	<u>68</u> 7.7
1/4-20	66 7.6	8 10.9	12 16.3
1/4-28	<u>76</u> 8.6	10 13.6	14 19.0
5/16-18	11 15.0	17 23.1	25 34.0
5/16-24	12 16.3	19 25.8	27 34.0
3/8-16	20 27.2	30 40.8	45 61.2
3/8-24	23 31.3	35 47.6	50 68.0
7/16-14	30 40.8	50 68.0	70 95.2
7/16-20	35 47.6	55 74.8	80 108.8
1/2-13	50 68.0	75 102.0	110 149.6
1/2-20	55 74.8	90 122.4	120 163.2
9/16-12	65 88.4	110 149.6	150 204.0
9/16-18	75 102.0	120 163.2	170 231.2
5/8-11	90 122.4	150 204.0	220 299.2
5/8-18	100 136	180 244.8	240 326.4
3/4-10	160 217.6	260 353.6	386 525
3/4-16	180 244.8	300 408.0	420 571.2
7/8-9	140 190.4	400 544.0	600 816.0
7/8-14	155 210.8	440 598.4	660 897.6
1-8	220 299.2	580 788.8	900 1,244.0
1-12	240 326.4	640 870.4	1,000 1,360.0

NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
 - a. for prevailing torque locknuts - use 65% of grade 5 torques.
 - b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Simplicity

**Outdoor Power
Equipment**

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TP-1152-02
Printed In USA
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